

<210> 513

<211> 893

<212> DNA

<213> Homo sapiens

<400> 513

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cgatgccgga cagggccaaag ggagaaatta cacgggaccg tggtaaaang gcccgtaaaa 780
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<210> 514

<211> 784

<212> DNA

<213> Homo sapiens

<400> 514

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 aatctaatat attaagttta ttactaaatt ttttgttatt ggtttttaaat ctttgctttt 540
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 aatatatagt ttacatgcag ggaaatgagt aattgnaatg catatatgat gtagaattct 660
 ttactctttt ttttcctat aaaattttta aaatttggtt cctgaatttt tttctcagn 720
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 ttca 784

<210> 515

<211> 794

<212> DNA

<213> Homo sapiens

<400> 515

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 ccacaaactt tacagattta attagataga taatggatga tgttaaaaac taagcagcat 180
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 ttaaaacttt ttctgagtaa aaattttaac ataaactaga actcagcctg aatttttttt 360
 taaaccatct ttggaagcac atataaaagt agagtaaata catcgaatgt agcttaccta 420
 ctgcatttga agaaaatctt ttgtgtatgt ctgtaagcta tttgtgtgtt ttgaaacagt 480
 ttaccagaat agactgaaac tggtagaaac aggcataagt aactctgcag tggtagttgt 540

attgaaaact ggaatggtag tctctttcaa aatcttgaag agatggaaac taatgaatct 600
 tttttttttt ttggtaaaat agtatttttt tttgntcact taaatgaaat tatttgnact 660
 ttaagttttg tccaggaaat tacttcagtt ggagctaatt tattggcacc ctttactaac 720
 aaatttctgg tctggattaa gattagtatt ggaaaaaaaa ggagatgttg gaaattaaga 780
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<210> 516

<211> 692

<212> DNA

<213> Homo sapiens

<400> 516

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 caggaataga cacaatgctg cccaccctct gcatgcatgt gtgtgctggc atgcacacac 180
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 cacacatgta catagacaca catacacatg tgcacacacc tataggcaga gccactcct 360
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 gcccttgtg ggataggaag ttggccacat tgccacatc cagtagccag tgaatagttg 540
 tgcttggagt ttgccctgta ggctgactta tgagccatag cccaagtcac atcccagaaa 600
 cacacaatac ggggagcccc tccttagggg aaaatttctt tccaaaatat cacctcatac 660
 cttgctcagg gaatactctn tnnggtataa gt 692

<210> 517

<211> 785

<212> DNA

<213> Homo sapiens

<400> 517

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cccacaagaa acagaaaaag gacactcagc ttgtgagcct gagaacctgg aatttagttc 480
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cagaaaagat gacagcgatg acgacggggg tggctggata acccccagta acatcaagca 660
gatccagcag gagctggagc agtgtgacgt ccccgangac gtgcgggttg gctgcctgac 720
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aacng 785
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<210> 518

<211> 901

<212> DNA

<213> Homo sapiens

<400> 518

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aacaccgttg ctgccgctaa ttatgtcgcc agcatcttta gtaccccagg catgcagagc 180
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atgagaagca tgatgcagtc gctgagccag aatccagatt tggctgcaca gatgatgctg 300
aatagcccgc tgtttactgc aaatccacag ctgcaggagc agatgcggcc acagctccca 360
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 atgcaggctt taatgcagat ccagcagggg ctacagacat tagccactga agcacctagt 480
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<210> 519

<211> 771

<212> DNA

<213> Homo sapiens

<400> 519

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 ttcagggatg ggaaaatccc ccacaccag ccttcatcat ccatacceca gaccacttcc 180
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 ctgttcctgg ccttaccac tctggggtt cctccagcct tgctgacccc atggctctgg 300
 cctcactttt gtttcagtca aggagaaatt gactgctgac cctgacagt aggtggccac 360
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 aagttttctg ggatgaaatc agagtagggc ctctgacaag agaacttgct tctcctcagc 540
 tagggaagat gcgcctgact gtcccttgtc gtgccctcac ctgcgccac ctgcagagct 600
 tcgatgctgc cctttatcta cagatgaatg agaagaacct acatggacat gtcctgtgtg 660
 tgacaagaag gctccctatg aatctcttat cattgatggg tanggccatt tgctttcctc 720

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<210> 520

<211> 684

<212> DNA

<213> Homo sapiens

<400> 520

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ttgttttcat taggctttgc tttcaatccg tttcatcata caaaagtgg aaagcaaac 180
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tactggtatt gatgaaaaca gtcagagaat atactttatt taaaaaacat ttacaaagaa 600
ctcttaaaac tacaataaa gaacttaaca gatatgcccc aaagaagtn tcngatgacn 660
agtaagattt gaaaaaaaaat gctg 684

<210> 521

<211> 833

<212> DNA

<213> Homo sapiens

<400> 521

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tagataatga gcatataaga tgtaagcaaa acaaagtcct agtgctaaaa aacaaaagca 120

cattctggtg atagatatgt gacaatagac aaaaagatat aatatgttag gtggttaacta 180
 tcataaagta aaataccatt taaaaactca ggtgcaaaca tagaaaaatg gaaagagtgc 240
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<210> 522

<211> 696

<212> DNA

<213> Homo sapiens

<400> 522

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 gagaagagat gtcagaacac ttttcctat attaattcaa tcctgttttt agaattaaac 180
 atatagaaga attaaacatt tagaatgaaa catatagaag actgaataga ttaagtgttt 240
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 tcttacaggt aaattgcttc tcggatttaa ataagatatt ttctaaaata tattactttc 360
 agatcaccag agatttgttt ttgtttgtg tatattttat aaagtaaatt gcactccagt 420
 actctaaact gtgtactaag caaagaaggg ttgtgccttc tgacatatta cactgagtac 480
 tcaggataga aaaagtaata atcttatact ggctgggtgc gatggcccat gcctgtaatc 540
 caagcacttt gggaggccaa ggcaggtgaa tcacttgagc tcaggagttc gagaccaacc 600

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<210> 523

<211> 828

<212> DNA

<213> Homo sapiens

<400> 523

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gactccttta cactttgaaa aatcagtgag aaccctaaac agcttattta tgtgagttat 180
atgcataaat atttaccatg ttggaaacta aagcagaaac tttttaagaa tggagaaata 240
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tatittaacag nctcataatg gtacttcagc ttcataaata ttggaacacc actatggttg 780
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<210> 524

<211> 805

<212> DNA

<213> Homo sapiens

<400> 524

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<210> 525

<211> 788

<212> DNA

<213> Homo sapiens

<400> 525

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cggagtggaa gcctggagtc ccagtccac ctgctctccg agatggacag cgataagcca 480
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 ggttctactt caaattcagg aagcatgccc aacctacaca aaaggatagt ttgaggaatg 720
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<210> 526

<211> 807

<212> DNA

<213> Homo sapiens

<400> 526

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<210> 527

<211> 828

<212> DNA

<213> Homo sapiens

<400> 527

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<210> 528

<211> 309

<212> DNA

<213> Homo sapiens

<400> 528

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tttaggctgg gtgcggtggc ccatgcctgt aatcccagta ctttgggagg ccaaaagagg 180
gtgggtcacc tgaggtcagg agttagagag cagcctgacc aacatagtga aacctgtct 240
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nggaggntn 309

<210> 529

<211> 860

<212> DNA

<213> Homo sapiens

<400> 529

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caagagggat atgacagatc ttcaaccatg ttaacattgg gcccttttag aaattctaata 180
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gctgagccca acagccaact ggactcgact cactctggac ggggcacaat gtattcttcc 420
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ctgatgcagg atgatactag aggcatgttt atggaaacaa ctgtgttttg tacttccgaa 600
gatgggcttg tatctggttt cggacggact gttaatgaca atttgatcga cgggaattgc 660
acaccccgaga atccaccaca aaagaaaaag ggttctctat tagaataaccg taagagacaa 720
cgtgaagcta gggaaaagtg gctctaagac agagaacttt ccactcanta gtgnatcacc 780
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<210> 530

<211> 765

<212> DNA

<213> Homo sapiens

<400> 530

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gcaatgagat gaacaccgac accttctcga ggagattaac aaagctggaa aggagctggg 660
gatcatccca accatcatcc gggatganga actgaagacg agaggatttg gaggaatcta 720
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<210> 531

<211> 800

<212> DNA

<213> Homo sapiens

<400> 531

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<210> 532

<211> 606

<212> DNA

<213> Homo sapiens

<400> 532

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<210> 533

<211> 703

<212> DNA

<213> Homo sapiens

<400> 533

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ccgagaggca cgtggctcca gccggtgtgg acctgggcct ctgctgcca cgtctgcccc  180
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<210> 534

<211> 756

<212> DNA

<213> Homo sapiens

<400> 534

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cttctgagct caggttgggg ggagttggag ccacaaatag atggtcagac ctgggctgag  180
cgggcacttc gggagaatga acgccacgcc ttcacctgcc ggggtggcagg ggggcctggc  240
acccccagat tggcctggta tctggatgga cagctgcagg aggccagcac ctcaagactg  300

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<210> 535

<211> 871

<212> DNA

<213> Homo sapiens

<400> 535

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871

<210> 536

<211> 864

<212> DNA

<213> Homo sapiens

<400> 536

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 ttagattttc tgtatttcat ctgccagatt atttgaatca cacaggatga tgtgttaaca 180
 gtattagggt ggaagaggaa tcaagagtaa agaggtaggg gtttactcat ttttcttccc 240
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<210> 537

<211> 773

<212> DNA

<213> Homo sapiens

<400> 537

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tgacatggta tticattgtg attttaattt gcatttcctt gatgataagt gatattgagc	180
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ttgccatttt ttaaatcaga ttatttgttt tcttgctgtt ggattgttta agttccttat	300
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ggagtgtctt aatgaatgac tctacttaga cttccccag agaaatgatt acataataat	660
actttgtata ggacatctta taaaaagctt aaagtatttt gnatatagac tcattaatca	720
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<210> 538

<211> 856

<212> DNA

<213> Homo sapiens

<400> 538

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aaactagaat ggagaagtca aattgttctc tatgcagatg acatgatgtt atatatataa	360
aaacaaaact aaagactcta ccaaaaaact catagaactg ataaattttg aaaagttaga	420
agatacaaaa ttagtataca aaaatcagta gcatttctat gcatgaacag tgaactagct	480

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actgacattc ttcacagaaa ttgccaccaa aaaaaattct taaaatttat atggaaccac 780
agaccccaaa tgccaagcaa tactgagcaa aaagaccaag ctggagtatc acctccagac 840
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<210> 539

<211> 791

<212> DNA

<213> Homo sapiens

<400> 539

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<210> 540

<211> 865

<212> DNA

<213> Homo sapiens

<400> 540

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attgactcag attagaaatc cccaa 865
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<210> 541

<211> 562

<212> DNA

<213> Homo sapiens

<400> 541

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<210> 542

<211> 865

<212> DNA

<213> Homo sapiens

<400> 542

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<210> 543

<211> 756

<212> DNA

<213> Homo sapiens

<400> 543

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<210> 544

<211> 797

<212> DNA

<213> Homo sapiens

<400> 544

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<210> 545

<211> 808

<212> DNA

<213> Homo sapiens

<400> 545

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<210> 546

<211> 824

<212> DNA

<213> Homo sapiens

<400> 546

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<210> 547

<211> 835

<212> DNA

<213> Homo sapiens

<400> 547

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tgggttcaca caccacccc ccaaaatgta actagcaatg atccgcangc aaaaaatact 780
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<210> 548

<211> 803

<212> DNA

<213> Homo sapiens

<400> 548

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ggagggttcg aagaaaacat ccagggcgga ggctcagctg tgattgacat ggagaacatg 180

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gatgatacct caggctctag cticgaggat atgggtgagc tgcatcagcg cctgcgcgag 240
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<210> 549

<211> 790

<212> DNA

<213> Homo sapiens

<400> 549

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gactagctct ggattatttc ctcgatacc cttacaacag cagcaagttg gtggctttga 720
 ngggcctgaa caagacgaat ttgataaagt cctggcaagc atggaantt gangaacctg 780
 gcattgggaa 790

<210> 550

<211> 753

<212> DNA

<213> Homo sapiens

<400> 550

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 gacatgtaca atgacacatt aaatggcagt acagagaaaa ggagtgcaga attgcctgat 180
 gctgtgggac ctattgttca gttacaagag aaactttatg tgcctgtaaa agaataccca 240
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 gccttttctc ttgcagcaac agcccaggct gctccaagga tcattactgg gcctgcgccg 660
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 gatcagacca antncngacc ggttgtcatt gcc 753

<210> 551

<211> 778

<212> DNA

<213> Homo sapiens

<400> 551

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tatagatgct agagataggg taaataaaag tatggcaaaa ccagcaatta cttttgcacc	240
aacctaatat gattttttta gaaatttata atttcattag agaaatagat gtataaacia	300
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tttcaaacag caaaagcaga aaatggaatc tattggctcg catccctaca aattccagga	480
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cagcacacta cccagatgcc ttatttagaa tcgaagcatt ggtttccttc aggttttggg	660
agtgttggct gctgatggct catagntgag tctctttctg agacaaaggg angtgtctca	720
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<210> 552

<211> 761

<212> DNA

<213> Homo sapiens

<400> 552

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cgagaagatc gcgctgcaca atcagaagca ggcggaggag acggcggcct tcgaggaggt	180
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 acatcagaag cagacaaaaa cttttccaag caaacattgg acaccaagaa gacnggggtcc 720
 aaggncaaa atcctngtaa ggtcccccg aaattaaaca t 761

<210> 553

<211> 734

<212> DNA

<213> Homo sapiens

<400> 553

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 tgcagcggc cagaaacccg gctccgagcg gcggcggccc ggcttccgct gcccgtgagc 120
 taaggacggt ccgctccctc tagccagctc cgaatcctga tccaggcggg ggccaggggc 180
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 attttattaa tataaataga gttggggggg gtttgctggg ttggccangt tggncatcaa 720
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<210> 554

<211> 667

<212> DNA

<213> Homo sapiens

<400> 554

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gaaggattga taaaagtctt cctgggtgtc ccgcagagtg ccttccagga acagatcttt 180
gcatagaata tcagtggttt ctttttttgt ttcaaatagt ggtcagaaaa taccagtgt 240
tgactacca aggcaatcag ctcccttttt cccttttttt gttttttttt aacattttat 300
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tctcctggct cagcctcctg agtgctggga ctacaggcgc gtaccttctt tagtagagac 480
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cagcttccca aagtgtgag atgacagggt tgagccatca gaccagcat tttttttttt 600
aatttaaatt taaatttttt tcattttttt gagaggtttt ttttgttttg nttgtttgnt 660
gntggtg 667

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<210> 555

<211> 823

<212> DNA

<213> Homo sapiens

<400> 555

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atgtcaacat ttaacagatt tgagccttct aaatttaate cagcatgaat gtcgttttta 420

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ctaaaatatt tgctatttta ctcacttagc tggttcctta cacaagtcca gttaaatttc 480
 acatgtgaaa aaaatgactg aaaacactga atggaatgtg atactccttg ttagtagaa 540
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 ccacaagggg cagagattgg taatacgttg tccccccagt ggacttaaaa cagtactggc 720
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 gggaatcaat attggaagct nccttngaaa ggcaccaca ctg 823

<210> 556

<211> 868

<212> DNA

<213> Homo sapiens

<400> 556

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 gggccccgct cagagcccac ccacctttgg gtccctgttg gacatcgatg gagtgcttgt 180
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 tctcctgtgg atggctgaag ccaaanatgc ccaggtttgg acatggcacc ttttctgctt 780
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<210> 557

<211> 862

<212> DNA

<213> Homo sapiens

<400> 557

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aaacgatgag atggtttttg tttgtgttac caatgcattc aatcccatgt gtagatacta 180
caggttgagt accttagaat atgatgggga agaaattagt ggcctggcaa gatgccatt 240
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tgtgcattta gcatggatga cattgaaaaa gtattcaaag gacggtttta gggaacagaa 780
aaacttccag attctgtttg ggacagcagt ttcccgaaga caaagtgcc aagccaaggc 840
ctggctgntg tgcaaaacac gg 862

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<210> 558

<211> 862

<212> DNA

<213> Homo sapiens

<400> 558

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<210> 559

<211> 849

<212> DNA

<213> Homo sapiens

<400> 559

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 gaaatgtatg acaaagggtgc atttgatact ttttcctgta aaagtgnata caggtanact 840
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<210> 560

<211> 702

<212> DNA

<213> Homo sapiens

<400> 560

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<210> 561

<211> 856

<212> DNA

<213> Homo sapiens

<400> 561

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gacttcgagg ctgacgacac ctgcctggca cactgctggg tggtagtgcg gctggacggc  180
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gtgttgatat ggcanaggt ggatgaagtg atgacaaaaa gaaattaagc tgccaacaga  780
aatggaagga aaaaagatgg cagtgacccc ggaccaggac aaaccagtgc ccttgnactg  840
ggatatcatc ggggat                                     856
    
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<210> 562

<211> 841

<212> DNA

<213> Homo sapiens

<400> 562

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tatataatca atcactttga tgtcagttta tctaccaaac acaagattaa aggttttaaaa  120
    
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atctcatagc tgtacagcca ttagtgtctc ctttcatact atattatittt gttcattggc 180
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 aggcagaagc gagaagatgt attccatccc atgtcatttt tctgaccctc aacgtaggaa 720
 gntaaactaa acatgggcag aactgcttta agcctttgaa tcttgntctt aaagccaggt 780
 tgagggtatg ggttntaatc tttatatctc ctttcactta agcttgcaact agtcattgga 840
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<210> 563

<211> 777

<212> DNA

<213> Homo sapiens

<400> 563

tgtagattcc ttccaaatga taggtataaa aatgcaatga aaatgataat tggagatttt 60
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 aatacattcc ccaacatata taataattat aaaataatat agtaactgtt aagttatttc 180
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tattacgccg tgctgcaagg ttatggttct ccagatggac accattacat tttttttttt 720
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<210> 564

<211> 753

<212> DNA

<213> Homo sapiens

<400> 564

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tctcaaactc ctgggctcaa gtgagccaca gtgctgagcc ttgncttctg gnttgntgaa 720
gcagtaagtc agacaatatt tgccacaata atg 753

<210> 565

<211> 866

<212> DNA

<213> Homo sapiens

<400> 565

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tggaaggctg aggcacatgg accacttgag gtcaagagtt tgagaccagc ctgaccaaca	180
tgggtgaaacc ccatttctac taaaaataac aacagtttagc taggcgttgt ggcacatccc	240
tgtaattccg gctactcggg aggccgaggc gggagaattg cttgaaccgg ggaggtggag	300
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<210> 566

<211> 813

<212> DNA

<213> Homo sapiens

<400> 566

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ttatactagt ttgtataaac tgttcaactc ctatagctct tacgtctcac tctcagttag	180
ctggtaacag aatcttcaca gacaagtggg tgcacattcc atttatttag caatgccctc	240
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgt gtgtgtatag gtttaattttg	300

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 tgtgatanga taagtgaag atangaagta catttttaac atctattcag ttagcattaa 720
 tgctcaagtt aaagctgggc tctaccagg gacataatgg gctcctggtt aacatattta 780
 tgtnggntgg aaaattngga acctgctttg cag 813

<210> 567

<211> 816

<212> DNA

<213> Homo sapiens

<400> 567

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 gtcttctact aatctttaaa cattattaag tagtgagaaa tattatttct actgatttat 180
 aaatataatcc attcttcaca ttcacagtgg gatttgtaaa agcaatcctt ggatttacia 240
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816

<210> 568

<211> 825

<212> DNA

<213> Homo sapiens

<400> 568

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gcataagact atgcaataat ttttaatcat tagtattaat ggtgtattaa aagttgttgt	180
actttgtctg tgaccttaat tttctgcact gagttaccaa atatttccaa ccaggtagtc	240
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<210> 569

<211> 800

<212> DNA

<213> Homo sapiens

<400> 569

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 gcttcggaga ctccagacaa tcgccttttg cctcctcgtc ggagcactcc tcggagaacg 180
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 cccttcccat cgccttcagc cccactccct gtaggatttt tttctagtcc catgtgattt 720
 aaacaaaaca aacaaacnaa cagaagtaac gaaacttaga attntgagag tgcttgtcac 780
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<210> 570

<211> 892

<212> DNA

<213> Homo sapiens

<400> 570

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<210> 571

<211> 876

<212> DNA

<213> Homo sapiens

<400> 571

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<210> 572

<211> 879

<212> DNA

<213> Homo sapiens

<400> 572

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ccatggaaaa attaatacaac agagtgggac ctaatggtga gaggataagg gcttctgatt 480
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tcaaactgta tcaagcgtag gccagaaaca atcttgngg attaccctga cccaaaagaa 840
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<210> 573

<211> 833

<212> DNA

<213> Homo sapiens

<400> 573

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<210> 574

<211> 894

<212> DNA

<213> Homo sapiens

<400> 574

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gtactataga tccttggtgt ccaaaagagt actatgaaga cattaagaag gattttccag 180
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 aacaggaagt gaacctgggt ctctgtgaag acagaagatg aagatgagcc cangctactt 840
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<210> 575

<211> 861

<212> DNA

<213> Homo sapiens

<400> 575

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<210> 576

<211> 889

<212> DNA

<213> Homo sapiens

<400> 576

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ggattatitt tatagaccat ggaaagttac aaatgttttt aagcagagaa ttacgtcttt 840
gtaaanaaag ttatggtggc atgccctagg ataaatggat attttcaa 889
    
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<210> 577

<211> 804

<212> DNA

<213> Homo sapiens

<400> 577

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<210> 578

<211> 893

<212> DNA

<213> Homo sapiens

<400> 578

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<210> 579

<211> 892

<212> DNA

<213> Homo sapiens

<400> 579

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<210> 580

<211> 887

<212> DNA

<213> Homo sapiens

<400> 580

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<210> 581

<211> 801

<212> DNA

<213> Homo sapiens

<400> 581

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<210> 582

<211> 847

<212> DNA

<213> Homo sapiens

<400> 582

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<210> 583

<211> 825

<212> DNA

<213> Homo sapiens

<400> 583

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<210> 584

<211> 902

<212> DNA

<213> Homo sapiens

<400> 584

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<210> 585

<211> 739

<212> DNA

<213> Homo sapiens

<400> 585

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<210> 586

<211> 783

<212> DNA

<213> Homo sapiens

<400> 586

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<210> 587

<211> 827

<212> DNA

<213> Homo sapiens

<400> 587

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<210> 588

<211> 379

<212> DNA

<213> Homo sapiens

<400> 588

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<210> 589

<211> 710

<212> DNA

<213> Homo sapiens

<400> 589

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710

<210> 590

<211> 813

<212> DNA

<213> Homo sapiens

<400> 590

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<210> 591

<211> 787

<212> DNA

<213> Homo sapiens

<400> 591

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<210> 592

<211> 805

<212> DNA

<213> Homo sapiens

<400> 592

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<210> 593

<211> 826

<212> DNA

<213> Homo sapiens

<400> 593

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<210> 594

<211> 800

<212> DNA

<213> Homo sapiens

<400> 594

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<210> 595

<211> 803

<212> DNA

<213> Homo sapiens

<400> 595

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<210> 596

<211> 745

<212> DNA

<213> Homo sapiens

<400> 596

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<210> 597

<211> 764

<212> DNA

<213> Homo sapiens

<400> 597

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<210> 598

<211> 777

<212> DNA

<213> Homo sapiens

<400> 598

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<210> 599

<211> 819

<212> DNA

<213> Homo sapiens

<400> 599

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<210> 600

<211> 760

<212> DNA

<213> Homo sapiens

<400> 600

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<210> 601

<211> 828

<212> DNA

<213> Homo sapiens

<400> 601

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<210> 602

<211> 847

<212> DNA

<213> Homo sapiens

<400> 602

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<210> 603

<211> 798

<212> DNA

<213> Homo sapiens

<400> 603

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 gcctttggta gtcagacttt tatgatttgt tgaattataa aatacatgta aactgtaaac 360
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<210> 604

<211> 725

<212> DNA

<213> Homo sapiens

<400> 604

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<210> 605

<211> 723

<212> DNA

<213> Homo sapiens

<400> 605

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<210> 606

<211> 852

<212> DNA

<213> Homo sapiens

<400> 606

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<210> 607

<211> 868

<212> DNA

<213> Homo sapiens

<400> 607

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<210> 608

<211> 819

<212> DNA

<213> Homo sapiens

<400> 608

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<210> 609

<211> 865

<212> DNA

<213> Homo sapiens

<400> 609

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<210> 610

<211> 825

<212> DNA

<213> Homo sapiens

<400> 610

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<210> 611

<211> 869

<212> DNA

<213> Homo sapiens

<400> 611

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 gttagcactg aaagatacta atgttaagaa cagatgtcta ctgnctgatt attgggaaaa 720
 tattagtgtt tcttantaga agcaacacag ttttttttaa tactagattt ctcattctga 780
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<210> 612

<211> 866

<212> DNA

<213> Homo sapiens

<400> 612

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tgtcatgcag agtataagaa tgctttgaac aatttgtaga cttagtgaat taaaataaga 780
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tggtgggcct tttattttct aatccn 866

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<210> 613

<211> 684

<212> DNA

<213> Homo sapiens

<400> 613

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 atccgtgccc ctgccgtgcg gaccctgcag cgattccaga caagccaccg gacccgnggg 660
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<210> 614

<211> 716

<212> DNA

<213> Homo sapiens

<400> 614

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<210> 615

<211> 856

<212> DNA

<213> Homo sapiens

<400> 615

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<210> 616

<211> 781

<212> DNA

<213> Homo sapiens

<400> 616

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 ggcagtatac agaagccata tcagttgggtg aaaaacttta tcagttcata gagccttttg 180
 aagaaaaatt tgcccaagca gtgtgttttt tgctttaga cctgtatata ttaacctacc 240
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<210> 617

<211> 724

<212> DNA

<213> Homo sapiens

<400> 617

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 gaagaggaga aggctgctga cattgacctc taccactgcc ccaactgtga agtcttgcat 180
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 accagacttt ctaaccttgt ggagacaccg aagattgttc gaaagctgtc atgggtcgaa 660
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<210> 618

<211> 768

<212> DNA

<213> Homo sapiens

<400> 618

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 ctgctttgct gcgccttttc ctctcccgac ctgctgagtg ccaggacatg ctaggacgtt 720
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<210> 619

<211> 866

<212> DNA

<213> Homo sapiens

<400> 619

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cnaggaacta gtgtgggcct atgctgatgg gtctgcana aaagtgaaga ggtcgtttca 840
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<210> 620

<211> 855

<212> DNA

<213> Homo sapiens

<400> 620

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<210> 621

<211> 758

<212> DNA

<213> Homo sapiens

<400> 621

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ccctggggct gnatctcctt gntggtgact tcctgggg 758

<210> 622

<211> 764

<212> DNA

<213> Homo sapiens

<400> 622

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<210> 623

<211> 800

<212> DNA

<213> Homo sapiens

<400> 623

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<210> 624

<211> 877

<212> DNA

<213> Homo sapiens

<400> 624

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<210> 625

<211> 794

<212> DNA

<213> Homo sapiens

<400> 625

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<210> 626

<211> 744

<212> DNA

<213> Homo sapiens

<400> 626

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<210> 627

<211> 895

<212> DNA

<213> Homo sapiens

<400> 627

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gccgctgcct tcgctttctc ttcgttgttg cgaacgccgt ccgctcagga ggcgccccgc 180
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gaccggcgcg atgagtgcc aaggagacca ggagatggaa ctagaagcat tacgctctat 240
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 aacacctcca attctatcta tgaacgcttt tttttaacaa caccatatca tcagctgtaa 420
 agcagagtat attagccaag ctacaggaag cagtagaagc taatcttggg accgctatga 480
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<210> 628

<211> 751

<212> DNA

<213> Homo sapiens

<400> 628

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 aatcagtga cctacgttga tacatcatta ttgaagncc atagcttaca ttagggttca 180
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 cactttgtaa tatgtactta agtttctcca tgtcttcatt gtttgatatt tcttcttacc 480
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ttaggttttc atgtggacat tagttttcag ctgatttgag taaataccaa gaagcatgat 660
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<210> 629

<211> 734

<212> DNA

<213> Homo sapiens

<400> 629

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 gtctctggga ctacaggagt ctcgctcttt cgctgaggct ggcttgcaat ggcacgacct 480
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<210> 630

<211> 740

<212> DNA

<213> Homo sapiens

<400> 630

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cgggcctcag agagcagcgc ctcttccgac ggccccatc cagtcacac cccgtcacgg	660
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<210> 631

<211> 478

<212> DNA

<213> Homo sapiens

<400> 631

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agtggagttg ggggtttcac catgttggcc aggctagtct cgaactcctg acctcgtgat	420
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<210> 632

<211> 724

<212> DNA

<213> Homo sapiens

<400> 632

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cactcccagc tggcccagtt tgtgcatgag gtgaagaaga gcccctttgg caaggatgtt 180
cggctgggtct cccttggtc cgggcaggta aacagtagcc agtatttcca ccaggggcca 240
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caccatcttt ttgcctcttt ctttctcctt tgctgcagaa cctttgtgta aatgaagacg 480
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<210> 633

<211> 677

<212> DNA

<213> Homo sapiens

<400> 633

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gaatgtcttg ttctgaaaa atagcagtac cagctgagct ttggggaggt gacagattga 180
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<210> 634

<211> 817

<212> DNA

<213> Homo sapiens

<400> 634.

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 aagttttaga atccgataaa gcaagtccca cttcattagt ttttttttc tttatataat 540
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 taatattaaa tcttagcact caagagtctt cgtacatcat tgaaatcttt tggctcttgg 720

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<210> 635

<211> 794

<212> DNA

<213> Homo sapiens

<400> 635

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gaggtttgac tgtctggggt ctgtaaaagc tgacaaagtc tccatgctgc ccaacttctc 720
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<210> 636

<211> 894

<212> DNA

<213> Homo sapiens

<400> 636

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<210> 637

<211> 904

<212> DNA

<213> Homo sapiens

<400> 637

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gattctatcg	ggcaggactc	tctggaatgc	atgtgtcaga	agcccagccc	aaattggcct	660
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<210> 638

<211> 895

<212> DNA

<213> Homo sapiens

<400> 638

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<210> 639

<211> 855

<212> DNA

<213> Homo sapiens

<400> 639

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<210> 640

<211> 837

<212> DNA

<213> Homo sapiens

<400> 640

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<210> 641

<211> 893

<212> DNA

<213> Homo sapiens

<400> 641

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<210> 642

<211> 898

<212> DNA

<213> Homo sapiens

<400> 642

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<212> DNA

<213> Homo sapiens

<400> 643

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<210> 644

<211> 755

<212> DNA

<213> Homo sapiens

<400> 644

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<210> 645

<211> 733

<212> DNA

<213> Homo sapiens

<400> 645

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<210> 646

<211> 789

<212> DNA

<213> Homo sapiens

<400> 646

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<211> 792

<212> DNA

<213> Homo sapiens

<400> 647

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<210> 648

<211> 847

<212> DNA

<213> Homo sapiens

<400> 648

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aatgacatat ctaaagatac gtaacagcta aaattctgcc agtgagaaat tttcctgttt 180
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<210> 649

<211> 761

<212> DNA

<213> Homo sapiens

<400> 649

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<210> 650

<211> 779

<212> DNA

<213> Homo sapiens

<400> 650

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<210> 651

<211> 861

<212> DNA

<213> Homo sapiens

<400> 651

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<210> 652

<211> 726

<212> DNA

<213> Homo sapiens

<400> 652

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<210> 653

<211> 646

<212> DNA

<213> Homo sapiens

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<210> 654

<211> 735

<212> DNA

<213> Homo sapiens

<400> 654

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<210> 655

<211> 910

<212> DNA

<213> Homo sapiens

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<210> 656

<211> 784

<212> DNA

<213> Homo sapiens

<400> 656

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784

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<211> 875

<212> DNA

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<210> 658

<211> 815

<212> DNA

<213> Homo sapiens

<400> 658

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<210> 659

<211> 923

<212> DNA

<213> Homo sapiens

<400> 659

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<210> 660

<211> 808

<212> DNA

<213> Homo sapiens

<400> 660

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<210> 661

<211> 746

<212> DNA

<213> Homo sapiens

<400> 661

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<210> 662

<211> 864

<212> DNA

<213> Homo sapiens

<400> 662

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<210> 663

<211> 872

<212> DNA

<213> Homo sapiens

<400> 663

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<210> 664

<211> 873

<212> DNA

<213> Homo sapiens

<400> 664

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<210> 665

<211> 871

<212> DNA

<213> Homo sapiens

<400> 665

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<210> 666

<211> 872

<212> DNA

<213> Homo sapiens

<400> 666

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<210> 667

<211> 870

<212> DNA

<213> Homo sapiens

<400> 667

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<210> 668

<211> 693

<212> DNA

<213> Homo sapiens

<400> 668

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<210> 669

<211> 817

<212> DNA

<213> Homo sapiens

<400> 669

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<210> 670

<211> 667

<212> DNA

<213> Homo sapiens

<400> 670

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<210> 671

<211> 687

<212> DNA

<213> Homo sapiens

<400> 671

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<210> 672

<211> 812

<212> DNA

<213> Homo sapiens

<400> 672

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<210> 673

<211> 882

<212> DNA

<213> Homo sapiens

<400> 673

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<210> 674

<211> 897

<212> DNA

<213> Homo sapiens

<400> 674

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 accaataaccg agctgcagat tgcccagacc cagaaaaagt gtaaccagaa cagaggaact 840
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<210> 675

<211> 838

<212> DNA

<213> Homo sapiens

<400> 675

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 aaaataaaaa ttgaaaaatt aattacactt ggttgttttc atatttttgt gggattacaa 420
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 aagtccaagt atagagttag gcacagcata gactggaggc acattgcttc acttcaaate 540
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<210> 676

<211> 541

<212> DNA

<213> Homo sapiens

<400> 676

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t
t
541

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<210> 677

<211> 639

<212> DNA

<213> Homo sapiens

<400> 677

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ggccccggcc ctcttgctgg tcttgccacc atcttcttac ccagcttggg gacctccctc 180
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<210> 678

<211> 726

<212> DNA

<213> Homo sapiens

<400> 678

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 tgaaaatgcc ctctttacgt ctatccagtc cttacaatct gagtctgagc ccctgagcct 180
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<210> 679

<211> 893

<212> DNA

<213> Homo sapiens

<400> 679

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tagagggtggc atatgatcgc atatgtatac atatatatat atatatatat atgccactta 180
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<210> 680

<211> 731

<212> DNA

<213> Homo sapiens

<400> 680

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tatttttatt ttttagagg caggatctcg ctctgtcacc caggcaggag tgcagtggca 180
cagtcatggc tcgctgcagc cttgacctcg cctcagcctc cccagtagct gggaccacag 240
gctcatgcc a gcacgccc gctgaagcta gttttaactg aagaaaactc aaagtgttct 300

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ctcgccgtta accittatta ttgaggcatt ggctctgcta taggaaaacg aggtgacgtt 360
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 gtgtgagagc gaatgataag agggatgaatc tggatganga gggacttcca gggcacaggt 660
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<210> 681

<211> 751

<212> DNA

<213> Homo sapiens

<400> 681

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 cgtgtgcatt ctgggcgcgt gttgatcgct gggtcagtc aggcaactga catgctttta 660
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<210> 682
 <211> 798
 <212> DNA
 <213> Homo sapiens

<400> 682

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tgcgcccagc tccccgttaa ttgtatgctg aacaaacctt ccattccagg aacaaatccc  180
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<210> 683
 <211> 854
 <212> DNA
 <213> Homo sapiens

<400> 683

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gagactccta gattgtacta tttgcttaat agattaatga aatttatcag atacaacctg 180
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<210> 684

<211> 868

<212> DNA

<213> Homo sapiens

<400> 684

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<210> 685

<211> 713

<212> DNA

<213> Homo sapiens

<400> 685

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<210> 686

<211> 842

<212> DNA

<213> Homo sapiens

<400> 686

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<210> 687

<211> 918

<212> DNA

<213> Homo sapiens

<400> 687

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<210> 688

<211> 860

<212> DNA

<213> Homo sapiens

<400> 688

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 ctacttatcc actttctaaa gagacagaag gcaccaagat caaaattgga taagtngct 780
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<210> 689

<211> 784

<212> DNA

<213> Homo sapiens

<400> 689

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 gcattaataa ctggaatgcc ctgctgggtg gnaagtcaag aatgcttncc tgggangctt 780
 gcaa 784

<210> 690

<211> 911

<212> DNA

<213> Homo sapiens

<400> 690

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<210> 691

<211> 910

<212> DNA

<213> Homo sapiens

<400> 691

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<210> 692

<211> 756

<212> DNA

<213> Homo sapiens

<400> 692

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<210> 693.

<211> 733

<212> DNA

<213> Homo sapiens

<400> 693

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<210> 694

<211> 745

<212> DNA

<213> Homo sapiens

<400> 694

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<210> 695

<211> 846

<212> DNA

<213> Homo sapiens

<400> 695

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 taaagtgggt gcaactttgt taaaaaactc tacaccaagt gcagantga tggaagttcg 780
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<210> 696

<211> 600

<212> DNA

<213> Homo sapiens

<400> 696

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<210> 697

<211> 788

<212> DNA

<213> Homo sapiens

<400> 697

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<210> 698

<211> 785

<212> DNA

<213> Homo sapiens

<400> 698

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<210> 699

<211> 784

<212> DNA

<213> Homo sapiens

<400> 699

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<210> 700

<211> 787

<212> DNA

<213> Homo sapiens

<400> 700

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<210> 701

<211> 514

<212> DNA

<213> Homo sapiens

<400> 701

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<210> 702

<211> 765

<212> DNA

<213> Homo sapiens

<400> 702

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765

<210> 703

<211> 785

<212> DNA

<213> Homo sapiens

<400> 703

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<210> 704

<211> 783

<212> DNA

<213> Homo sapiens

<400> 704

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<210> 705

<211> 815

<212> DNA

<213> Homo sapiens

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<210> 706

<211> 808

<212> DNA

<213> Homo sapiens

<400> 706

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<210> 707

<211> 803

<212> DNA

<213> Homo sapiens

<400> 707

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<210> 708

<211> 799

<212> DNA

<213> Homo sapiens

<400> 708

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tgttataatt gcttattagt gacatcatcc atccatggcc cagtaaacac aacattctct 180

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<210> 709

<211> 799

<212> DNA

<213> Homo sapiens

<400> 709

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gacatattta tggagtacat gtgaagtttt gntatatgca taaaatgtgt aatgatcaag 720
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<210> 710

<211> 805

<212> DNA

<213> Homo sapiens

<400> 710

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<210> 711

<211> 800

<212> DNA

<213> Homo sapiens

<400> 711

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<210> 712

<211> 797

<212> DNA

<213> Homo sapiens

<400> 712

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<210> 713

<211> 818

<212> DNA

<213> Homo sapiens

<400> 713

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<210> 714

<211> 822

<212> DNA

<213> Homo sapiens

<400> 714

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<211> 820

<212> DNA

<213> Homo sapiens

<400> 715

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<210> 716

<211> 816

<212> DNA

<213> Homo sapiens

<400> 716

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<210> 717

<211> 777

<212> DNA

<213> Homo sapiens

<400> 717

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<210> 718

<211> 819

<212> DNA

<213> Homo sapiens

<400> 718

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<210> 719

<211> 818

<212> DNA

<213> Homo sapiens

<400> 719

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<210> 720

<211> 819

<212> DNA

<213> Homo sapiens

<400> 720

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819

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<212> DNA

<213> Homo sapiens

<400> 721

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<211> 818

<212> DNA

<213> Homo sapiens

<400> 722

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<211> 818

<212> DNA

<213> Homo sapiens

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<211> 825

<212> DNA

<213> Homo sapiens

<400> 724

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<210> 725

<211> 820

<212> DNA

<213> Homo sapiens

<400> 725

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ttactctgat ttcttatgca ccattcagtc aagacttaac tcagaggcag ttgattcagt  720
gcttacatct agacaaagct ttaatgagtg cagaccagc ctaacagtat ttcattctaat  780
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<210> 726

<211> 643

<212> DNA

<213> Homo sapiens

<400> 726

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tgccccccac tcctccatga ggggctgatg aggggtgggc agcctggggg aggctttcct  180
    
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cgcaagcaca gagctctgag gctcagcccc ctggcacagg cggtcacgca tcaggacggt 240
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<210> 727

<211> 734

<212> DNA

<213> Homo sapiens

<400> 727

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 atcaggccag gctcagcaat atgtttgctc acattcttcc agccttctct cccccctc 180
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 tcctgtaatg taaaaatcca tgcttcagga ttccacaaac tcttggaaag ctttttcttg 660
 catccttgct tgggttttgg tgggggggna aaaaaagccc ccaaantttt tttttnttt 720
 ttcccccccc cccc 734

<210> 728

<211> 781

<212> DNA

<213> Homo sapiens

<400> 728

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gcagcagcca tgagcggcgg cgtgtacggg ggagatgaag ttggagccct tgtttttgac 180
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cactgcaaan ttcccaagtt ncccccaaaa cccggaaaat tttggggggg gncccctttt 720
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<210> 729

<211> 772

<212> DNA

<213> Homo sapiens

<400> 729

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ggttcatgct tgaagtttta atgacaaaga atgaaaacaa tagccatgcc tttatgaaga 180
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 tgtgcaatgc agattcacca aaggaccag tcctcccaat gaaatttttt acacaacctg 360
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 caggaaagcc aaagcctgct ggagtactag gtgcagtaaa taagccttta tcagcaacgg 480
 gaaggaaacc ctatgttaga agcactggca ctgagactgg aagcaatatt aatgtaaatt 540
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 atattggacc ccagttaaaa ggaaaaattt taaaaaaggg gggaaaaaaa aaaatttttt 720
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<210> 730

<211> 730

<212> DNA

<213> Homo sapiens

<400> 730

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 ataaacaacg actgcttttt tcctgtctct tatggctgac ctttatgtat ttcttctgga 540
 aactaggaga tccctttccc attctcagcc caaaacatgg gatcttatcc atagaacagc 600
 tcatcagccg ggttggtgtg attggagtga ctctcatggc tcttcttctt ggatttggtg 660

ccttgtccaa acctgggncc ccccccaaa ttaaaccn anccctttt ttttaaacc 720
cccaaatttt 730

<210> 731

<211> 693

<212> DNA

<213> Homo sapiens

<400> 731

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<210> 732

<211> 681

<212> DNA

<213> Homo sapiens

<400> 732

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 gcgatagttt gctgagaatg atggtttccc gttcatcca tgcctacca aggaccatga 660
 aacttcaatc ccctttttnn n 681

<210> 733

<211> 711

<212> DNA

<213> Homo sapiens

<400> 733

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 gcagaccatc ggggccgctt cgtggccaan gtgatgtcgg tcggagaccg gacttgtgaa 660

canttaaggg ttaatttttt gggggggggg naaaaaccaa accccccaaa a 711

<210> 734

<211> 759

<212> DNA

<213> Homo sapiens

<400> 734

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<210> 735

<211> 804

<212> DNA

<213> Homo sapiens

<400> 735

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 ggggatcctc atatcctctg aggcaaagca aatggcttca ctttatgttg aaatgaattt 720
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<210> 736

<211> 804

<212> DNA

<213> Homo sapiens

<400> 736

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<210> 737

<211> 806

<212> DNA

<213> Homo sapiens

<400> 737

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<210> 738

<211> 716

<212> DNA

<213> Homo sapiens

<400> 738

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<210> 739

<211> 808

<212> DNA

<213> Homo sapiens

<400> 739

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<210> 740

<211> 773

<212> DNA

<213> Homo sapiens

<400> 740

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<210> 741

<211> 798

<212> DNA

<213> Homo sapiens

<400> 741

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<210> 742

<211> 824

<212> DNA

<213> Homo sapiens

<400> 742

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<210> 743

<211> 820

<212> DNA

<213> Homo sapiens

<400> 743

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<210> 744

<211> 760

<212> DNA

<213> Homo sapiens

<400> 744

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<210> 745

<211> 820

<212> DNA

<213> Homo sapiens

<400> 745

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<210> 746

<211> 815

<212> DNA

<213> Homo sapiens

<400> 746

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<210> 747

<211> 784

<212> DNA

<213> Homo sapiens

<400> 747

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<210> 748

<211> 781

<212> DNA

<213> Homo sapiens

<400> 748

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<210> 749

<211> 781

<212> DNA

<213> Homo sapiens

<400> 749

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<211> 699

<212> DNA

<213> Homo sapiens

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<211> 704

<212> DNA

<213> Homo sapiens

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<210> 752

<211> 777

<212> DNA

<213> Homo sapiens

<400> 752

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<210> 753

<211> 755

<212> DNA

<213> Homo sapiens

<400> 753

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<210> 754

<211> 777

<212> DNA

<213> Homo sapiens

<400> 754

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<210> 755

<211> 764

<212> DNA

<213> Homo sapiens

<400> 755

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<210> 756

<211> 800

<212> DNA

<213> Homo sapiens

<400> 756

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<211> 798

<212> DNA

<213> Homo sapiens

<400> 757

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<210> 758

<211> 797

<212> DNA

<213> Homo sapiens

<400> 758

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<211> 798

<212> DNA

<213> Homo sapiens

<400> 759

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<210> 760

<211> 797

<212> DNA

<213> Homo sapiens

<400> 760

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 aatttcattc catctttaaa gcttttagaaa tctagaggaa aaattcagta ggaatacgac 720
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<210> 761

<211> 798

<212> DNA

<213> Homo sapiens

<400> 761

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<211> 791

<212> DNA

<213> Homo sapiens

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<210> 763

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<212> DNA

<213> Homo sapiens

<400> 763

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<210> 764

<211> 819

<212> DNA

<213> Homo sapiens

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819

<210> 765

<211> 774

<212> DNA

<213> Homo sapiens

<400> 765

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<211> 821

<212> DNA

<213> Homo sapiens

<400> 766

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<210> 767

<211> 737

<212> DNA

<213> Homo sapiens

<400> 767,

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<210> 768

<211> 782

<212> DNA

<213> Homo sapiens

<400> 768

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<210> 769

<211> 767

<212> DNA

<213> Homo sapiens

<400> 769

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<211> 793

<212> DNA

<213> Homo sapiens

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<211> 819

<212> DNA

<213> Homo sapiens

<400> 771

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<211> 818

<212> DNA

<213> Homo sapiens

<400> 772

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<211> 762

<212> DNA

<213> Homo sapiens

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<211> 849

<212> DNA

<213> Homo sapiens

<400> 774

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<213> Homo sapiens

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<210> 776

<211> 846

<212> DNA

<213> Homo sapiens

<400> 776

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<210> 777

<211> 853

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 779

<211> 730

<212> DNA

<213> Homo sapiens

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<210> 780

<211> 786

<212> DNA

<213> Homo sapiens

<400> 780

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<211> 826

<212> DNA

<213> Homo sapiens

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<210> 782

<211> 843

<212> DNA

<213> Homo sapiens

<400> 782

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<211> 846

<212> DNA

<213> Homo sapiens

<400> 783

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<211> 846

<212> DNA

<213> Homo sapiens

<400> 784

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<211> 862

<212> DNA

<213> Homo sapiens

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<211> 837

<212> DNA

<213> Homo sapiens

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<211> 835

<212> DNA

<213> Homo sapiens

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<211> 833

<212> DNA

<213> Homo sapiens

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<210> 789

<211> 727

<212> DNA

<213> Homo sapiens

<400> 789

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<210> 790

<211> 802

<212> DNA

<213> Homo sapiens

<400> 790

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<210> 791

<211> 859

<212> DNA

<213> Homo sapiens

<400> 791

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aattcctgga agtgatgggg cagatactta ctttgatgag cttcgtaagt tccttctttc  180
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<210> 792

<211> 879

<212> DNA

<213> Homo sapiens

<400> 792

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<210> 793

<211> 886

<212> DNA

<213> Homo sapiens

<400> 793

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<210> 794

<211> 883

<212> DNA

<213> Homo sapiens

<400> 794

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<210> 795

<211> 777

<212> DNA

<213> Homo sapiens

<400> 795

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aagtacatga aatatgaaga agagctaccc gntttccact tggggttcaa gtgccaagtt 720
gggcnggcaa gcccccccg gggnaaaaga agatcttacc ggcaaggaag ccaaaca 777
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<210> 796

<211> 735

<212> DNA

<213> Homo sapiens

<400> 796

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<210> 797

<211> 753

<212> DNA

<213> Homo sapiens

<400> 797

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<210> 798

<211> 755

<212> DNA

<213> Homo sapiens

<400> 798

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<210> 799

<211> 752

<212> DNA

<213> Homo sapiens

<400> 799

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<210> 800

<211> 746

<212> DNA

<213> Homo sapiens

<400> 800

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<210> 801

<211> 878

<212> DNA

<213> Homo sapiens

<400> 801

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<210> 802

<211> 422

<212> DNA

<213> Homo sapiens

<400> 802

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<210> 803

<211> 607

<212> DNA

<213> Homo sapiens

<400> 803

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<210> 804

<211> 763

<212> DNA

<213> Homo sapiens

<400> 804

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<210> 805

<211> 748

<212> DNA

<213> Homo sapiens

<400> 805

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aaatagc 847

<210> 807

<211> 768

<212> DNA

<213> Homo sapiens

<400> 807

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<210> 808

<211> 847

<212> DNA

<213> Homo sapiens

<400> 808

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<210> 809

<211> 838

<212> DNA

<213> Homo sapiens

<400> 809

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<210> 810

<211> 850

<212> DNA

<213> Homo sapiens

<400> 810

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850

<210> 811

<211> 840

<212> DNA

<213> Homo sapiens

<400> 811

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<210> 812

<211> 799

<212> DNA

<213> Homo sapiens

<400> 812

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<210> 813

<211> 748

<212> DNA

<213> Homo sapiens

<400> 813

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<210> 814

<211> 847

<212> DNA

<213> Homo sapiens

<400> 814

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<211> 808

<212> DNA

<213> Homo sapiens

<400> 815

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<210> 816

<211> 808

<212> DNA

<213> Homo sapiens

<400> 816

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<210> 817

<211> 820

<212> DNA

<213> Homo sapiens

<400> 817

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<210> 818

<211> 821

<212> DNA

<213> Homo sapiens

<400> 818

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<210> 819

<211> 691

<212> DNA

<213> Homo sapiens

<400> 819

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<210> 820

<211> 841

<212> DNA

<213> Homo sapiens

<400> 820

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<211> 807

<212> DNA

<213> Homo sapiens

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<210> 822

<211> 872

<212> DNA

<213> Homo sapiens

<400> 822

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<210> 823

<211> 808

<212> DNA

<213> Homo sapiens

<400> 823

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<210> 824

<211> 825

<212> DNA

<213> Homo sapiens

<400> 824

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<210> 825

<211> 820

<212> DNA

<213> Homo sapiens

<400> 825

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<210> 826

<211> 837

<212> DNA

<213> Homo sapiens

<400> 826

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<210> 827

<211> 746

<212> DNA

<213> Homo sapiens

<400> 827

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<210> 828

<211> 660

<212> DNA

<213> Homo sapiens

<400> 828

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<210> 829

<211> 818

<212> DNA

<213> Homo sapiens

<400> 829

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gcaagcatca tgataagata tgtgtgaagc ccactaggaa ataaatcatt ctcttctcta  180
tgtttgactt gctagtaaac agaagacttc aagccagcca ggaaattaaa gtggcgacta  240
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gtgtgtgtgt gtgtgtgtgt gtgtgctatg catgctctaa gtcctcatgg gatatgggaa  780
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<210> 830

<211> 901

<212> DNA

<213> Homo sapiens

<400> 830

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ttttaaaaat tccagttgtt tttgtaagtt ttcttatatc ccatcttaca ttcaattccc 240
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<210> 831

<211> 822

<212> DNA

<213> Homo sapiens

<400> 831

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<210> 832

<211> 804

<212> DNA

<213> Homo sapiens

<400> 832

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 ctacttagtt canaaaaatg atgttgaatt gtgtgtttca ggggtgaagat gaaggtcact 780
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<210> 833

<211> 793

<212> DNA

<213> Homo sapiens

<400> 833

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gcccgatctc ata 793

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<210> 834

<211> 803

<212> DNA

<213> Homo sapiens

<400> 834

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catgtagcca tctgattaat tttttgtttc cctagacccc actcctctcc ctattcccca 300
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<210> 835

<211> 801

<212> DNA

<213> Homo sapiens

<400> 835

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gaaaaacacc cttnttttct g 801

<210> 836

<211> 849

<212> DNA

<213> Homo sapiens

<400> 836

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<210> 837

<211> 853

<212> DNA

<213> Homo sapiens

<400> 837

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<210> 838

<211> 874

<212> DNA

<213> Homo sapiens

<400> 838

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<210> 839

<211> 828

<212> DNA

<213> Homo sapiens

<400> 839

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 attgatttan gtttgtctta accaatgggc tttttttaga atttcaggta gtggcattca 720

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attttaagnc tttaaagact tcctgctgga ttaacatatt gnatggag 828

<210> 840

<211> 885

<212> DNA

<213> Homo sapiens

<400> 840

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gtagatatta agtatgttaa atatgactcc atttttgtaa atcattaaca aaatgtctct 780
angtgtttgt cagcaatnaa cggnatctat atatggttat ttgattttat gtgcatgaag 840
aaaagttttg aagaatatca ttggcttgga aggaagtggg taatn 885

<210> 841

<211> 843

<212> DNA

<213> Homo sapiens

<400> 841

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cagaaggaat gaaataataa agatcagagc agaaataaat gaaatagagg ccaggaatac 180
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aaaatactag caaactggaa ttggaatagc accattaaaa nggagccgta cacccatgga 780
tcaagtgagg attttncct ctggaatggt aaaaaatngg gttcaaccat tatgcccaaa 840
tca 843

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<210> 842

<211> 742

<212> DNA

<213> Homo sapiens

<400> 842

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tgaagcgtac ctgcggaggt cgcaccaggg cgtgaggagg aggaggaagg gcatgagccg 360
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<210> 843

<211> 636

<212> DNA

<213> Homo sapiens

<400> 843

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 tacctgcata ggatgtggag gaggcctatc tgaaaaaatg atcaattttg caattatcct 180
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 cgaaacagtt ggttttgccc caacttgtgg agagtaaata tgaacatttt agggccatgg 480
 gcactataga tgattactaa gttagataat acaagattac tcctgtagct gatgacattt 540
 aagtaatgat agtgcctttt caaaattcaa aattcttttt tctttattat ttatttattt 600
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<210> 844

<211> 856

<212> DNA

<213> Homo sapiens

<400> 844

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atcatggggg cagatctttc ctgtgctgtt cttgtgttag tgaataagtc tcacaagatc 180
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taagatgtga cttttctcct tgccttcctc cctgattgtg aggccttctcc agccctgtgg 300
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<210> 845

<211> 864

<212> DNA

<213> Homo sapiens

<400> 845

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tgcatacaca tattttccaa atattacata tagtttcatg taatttatag acctattaag 180

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gccaacacat tttcttgat aggggattct ttagaagtc agcttaaata aagcccgtat 240
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<210> 846

<211> 767

<212> DNA

<213> Homo sapiens

<400> 846

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 ggagttcaaa gccagcctgg ccaacatggc aaaacctcat ctgtattaaa aatacaaaaa 180
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 gcctggacga tagagtga ctctgtctca aaaaaaaaaa aaaaaaaaaa aaaaattatt 360
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 agaagggtga ttcagaagtt ccatgcgcag catgaaggag aatctgtgtc ctatgctaag 540
 aggcacatc atgaaggtaa gcactctctaa atgatttttc ttaaattatt gcttcctgtg 600

ggagctttct gtcaatgatt cctggagttc accttgggaa cagagctggt gactgttctc 660
gtgagctgct catctggccc cagtgttgcc atctaaagga aaatttaaca ggagaacctg 720
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<210> 847

<211> 868

<212> DNA

<213> Homo sapiens

<400> 847

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ttcccttctc tttggatatt gnatatttgc atattgaaga ngtcaaaaca cagtaatata 780
tgcatattaa gagaattgca ttcataaata gtcaagatat actaaaaatt ggcatttgaa 840
attgaagcac tagagtgctt aatngatg 868

<210> 848

<211> 746

<212> DNA

<213> Homo sapiens

<400> 848

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<210> 849

<211> 837

<212> DNA

<213> Homo sapiens

<400> 849

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<210> 850

<211> 772

<212> DNA

<213> Homo sapiens

<400> 850

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<210> 851

<211> 714

<212> DNA

<213> Homo sapiens

<400> 851

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<210> 852

<211> 866

<212> DNA

<213> Homo sapiens

<400> 852

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<210> 853

<211> 847

<212> DNA

<213> Homo sapiens

<400> 853

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<211> 698

<212> DNA

<213> Homo sapiens

<400> 854

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<211> 793

<212> DNA

<213> Homo sapiens

<400> 856

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<211> 834

<212> DNA

<213> Homo sapiens

<400> 857

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<210> 858

<211> 751

<212> DNA

<213> Homo sapiens

<400> 858

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<211> 832

<212> DNA

<213> Homo sapiens

<400> 859

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<211> 841

<212> DNA

<213> Homo sapiens

<400> 860

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<210> 861

<211> 858

<212> DNA

<213> Homo sapiens

● <400> 861

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<210> 862

<211> 863

<212> DNA

<213> Homo sapiens

<400> 862

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<210> 863

<211> 861

<212> DNA

<213> Homo sapiens

<400> 863

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<210> 864

<211> 877

<212> DNA

<213> Homo sapiens

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<211> 874

<212> DNA

<213> Homo sapiens

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<210> 866

<211> 820

<212> DNA

<213> Homo sapiens

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<211> 871

<212> DNA

<213> Homo sapiens

<400> 867

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<210> 868

<211> 822

<212> DNA

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<400> 868

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<400> 869

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<211> 738

<212> DNA

<213> Homo sapiens

<400> 870

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<212> DNA

<213> Homo sapiens

<400> 871

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<211> 863

<212> DNA

<213> Homo sapiens

<400> 872

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863

<210> 873

<211> 588

<212> DNA

<213> Homo sapiens

<400> 873

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<210> 874

<211> 888

<212> DNA

<213> Homo sapiens

<400> 874

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<211> 852

<212> DNA

<213> Homo sapiens

<400> 875

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<210> 876

<211> 800

<212> DNA

<213> Homo sapiens

<400> 876

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<210> 877

<211> 817

<212> DNA

<213> Homo sapiens

<400> 877

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<211> 859

<212> DNA

<213> Homo sapiens

<400> 878

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<211> 870

<212> DNA

<213> Homo sapiens

<400> 879

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<210> 880

<211> 704

<212> DNA

<213> Homo sapiens

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<210> 881

<211> 734

<212> DNA

<213> Homo sapiens

<400> 881

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<211> 817

<212> DNA

<213> Homo sapiens

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<211> 763

<212> DNA

<213> Homo sapiens

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<211> 771

<212> DNA

<213> Homo sapiens

<400> 884

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<211> 845

<212> DNA

<213> Homo sapiens

<400> 885

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<210> 886

<211> 827

<212> DNA

<213> Homo sapiens

<400> 886

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827

<210> 887

<211> 783

<212> DNA

<213> Homo sapiens

<400> 887

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 agc 783

<210> 888

<211> 740

<212> DNA

<213> Homo sapiens

<400> 888

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<210> 889

<211> 839

<212> DNA

<213> Homo sapiens

<400> 889

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<210> 890

<211> 769

<212> DNA

<213> Homo sapiens

<400> 890

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<210> 891

<211> 773

<212> DNA

<213> Homo sapiens

<400> 891

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<210> 892

<211> 749

<212> DNA

<213> Homo sapiens

<400> 892

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<210> 893

<211> 745

<212> DNA

<213> Homo sapiens

<400> 893

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<210> 894

<211> 833

<212> DNA

<213> Homo sapiens

<400> 894

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<210> 895

<211> 814

<212> DNA

<213> Homo sapiens

<400> 895

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<210> 896

<211> 818

<212> DNA

<213> Homo sapiens

<400> 896

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<210> 897

<211> 810

<212> DNA

<213> Homo sapiens

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<210> 898

<211> 816

<212> DNA

<213> Homo sapiens

<400> 898

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<210> 899

<211> 814

<212> DNA

<213> Homo sapiens

<400> 899

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<210> 900

<211> 819

<212> DNA

<213> Homo sapiens

<400> 900

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<210> 901

<211> 808

<212> DNA

<213> Homo sapiens

<400> 901

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<210> 902

<211> 812

<212> DNA

<213> Homo sapiens

<400> 902

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<210> 903

<211> 757

<212> DNA

<213> Homo sapiens

<400> 903

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<210> 904

<211> 729

<212> DNA

<213> Homo sapiens

<400> 904

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<210> 905

<211> 840

<212> DNA

<213> Homo sapiens

<400> 905

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 ggtgaaaccc cgtttctact aaaaatccaa aaaaaaaaaa aaaaaaaaaa aaaaattagc 180
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<210> 906

<211> 838

<212> DNA

<213> Homo sapiens.

<400> 906

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<210> 907

<211> 838

<212> DNA

<213> Homo sapiens

<400> 907

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<210> 908

<211> 786

<212> DNA

<213> Homo sapiens

<400> 908

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<210> 909

<211> 836

<212> DNA

<213> Homo sapiens

<400> 909

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<210> 910

<211> 832

<212> DNA

<213> Homo sapiens

<400> 910

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<210> 911

<211> 830

<212> DNA

<213> Homo sapiens

<400> 911

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<210> 912

<211> 475

<212> DNA

<213> Homo sapiens

<400> 912

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<210> 913

<211> 740

<212> DNA

<213> Homo sapiens

<400> 913

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<210> 914

<211> 742

<212> DNA

<213> Homo sapiens

<400> 914

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<210> 915

<211> 721

<212> DNA

<213> Homo sapiens

<400> 915

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<211> 728

<212> DNA

<213> Homo sapiens

<400> 916

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<210> 917

<211> 711

<212> DNA

<213> Homo sapiens

<400> 917

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<210> 918

<211> 741

<212> DNA

<213> Homo sapiens

<400> 918

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<210> 919

<211> 744

<212> DNA

<213> Homo sapiens

<400> 919

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 gagaatgaga gtagaagctg caaaacctct tgaaactggg gcttgggagt cacacatgac 720
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<210> 920

<211> 742

<212> DNA

<213> Homo sapiens

<400> 920

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<210> 921

<211> 745

<212> DNA

<213> Homo sapiens

<400> 921

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aagaaatgag gatgaaaatc agtaggaaca agccatatta agaaagtata ttgactattt 660
taaagtaaca gactgtgtgt tcatttattc ttttggtcac tcttggagtt tcttattcac 720
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<210> 922

<211> 739

<212> DNA

<213> Homo sapiens

<400> 922

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 tgataagccc catgatggat gaagggttaga attcaaagac ctggttgag tcctagatgt 660
 ggagacagga tgatcaggtc acacttgta gatgactaac actatcagta gaagcttnc 720
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<210> 923

<211> 727

<212> DNA

<213> Homo sapiens

<400> 923

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<210> 924

<211> 743

<212> DNA

<213> Homo sapiens

<400> 924

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<210> 925

<211> 721

<212> DNA

<213> Homo sapiens

<400> 925

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 tccgtttaca gtgccagtaa aggaggatta gttggatttt cacgtgctct tgctaaagag 660
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<210> 926

<211> 813

<212> DNA

<213> Homo sapiens

<400> 926

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<210> 927

<211> 811

<212> DNA

<213> Homo sapiens

<400> 927

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<210> 928

<211> 813

<212> DNA

<213> Homo sapiens

<400> 928

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<210> 929

<211> 814

<212> DNA

<213> Homo sapiens

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<210> 930

<211> 816

<212> DNA

<213> Homo sapiens

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<210> 931

<211> 656

<212> DNA

<213> Homo sapiens

<400> 931

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<210> 932

<211> 810

<212> DNA

<213> Homo sapiens

<400> 932

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<210> 933

<211> 309

<212> DNA

<213> Homo sapiens

<400> 933

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<210> 934

<211> 806

<212> DNA

<213> Homo sapiens

<400> 934

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<210> 935

<211> 692

<212> DNA

<213> Homo sapiens

<400> 935

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<210> 936

<211> 814

<212> DNA

<213> Homo sapiens

<400> 936

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<210> 937

<211> 773

<212> DNA

<213> Homo sapiens

<400> 937

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tataatcatc gactgagtca cctgaatcct tttggaacta gatgggagta aacacacca 660
caaataagtg cttatcaaga gtattccatt tcccgtcatt actcaaggct gcacanattt 720
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<210> 938

<211> 835

<212> DNA

<213> Homo sapiens

<400> 938

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tatcaatgaa gatgattttg gtgattttgg tgactttggc tctgccagtg gctcaactcc 300
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gcactttcca catttttagtg aaccaggtga tgactttgga gaattttggg atataaatgc 420
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<210> 939

<211> 740

<212> DNA

<213> Homo sapiens

<400> 939

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 gccagcttaa agtcacagca tccaaatacc tcaagtcctc actccagggtg aaaggagtct 180
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 tccaagtagc tgggactaca ggagcacacc accatgcccc gctaattntt ttaattnttt 660
 gcagagacgg ggtctccctt tgtgcccagg ctggtctcaa actcctggng tcaagcaatc 720
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<210> 940

<211> 745

<212> DNA

<213> Homo sapiens

<400> 940

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<210> 941

<211> 803

<212> DNA

<213> Homo sapiens

<400> 941

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tcgaggccag atcttgaaga tactcacagg gaagatagtg gtggggcatg ccatccacaa 180
    
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cgacttcaaa gcccttcagt actttcaccc caagtccttc acccgtgaca cctcccatat 240
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 caccaagaag ctgctaaacc gggatatcca ggttggaag agcggacatt cctctgtgga 360
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 agcccggaat cccctacag actagtggca gtggggacgc tggatgatg aggaggcaga 480
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<210> 942

<211> 731

<212> DNA

<213> Homo sapiens

<400> 942

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 atttattcct tcttttaaac cagaatttct ggctgtaat tttactgaga aatagaaata 180
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 ttcgtgaact gaaatttaca taggtatttt ttgtatgccc aagccatact gccaatgtca 480
 gaactagaac ttgaaccaa gttgtgactc tcctttacca cttgatcagg agtttgctga 540
 ttttagccaag taacttgtaa gatcttcaca tgctttcttt tagtgggatt gccagcaaa 600
 gtgcttatca ngtgatgatc ccagtgaagt atgtcacagt tatgcagtaa cttangctg 660

ctgtaatacn gagatacatt gaagtcatta gtacttttca gggcccca aa tggatcttta 720
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<210> 943

<211> 742

<212> DNA

<213> Homo sapiens

<400> 943

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ggggccttan gtaagggttt gctacttnag ccctttcgta gactaattct gggntggctt 720
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<210> 944

<211> 745

<212> DNA

<213> Homo sapiens

<400> 944

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tttgagagtt tacatcagaa agaaaacagc aaatgacatg atccaaactt gataaaggac 180
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ggaggtcaga ggagatgggg gccggctctg ctggcccga cgagcactct ggggtgcagaa 720
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<210> 945

<211> 508

<212> DNA

<213> Homo sapiens

<400> 945

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<210> 946

<211> 798

<212> DNA

<213> Homo sapiens

<400> 946

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aagtgaaacc tcatgccttg gaattgccag ataaacattc cttggccttt gttgtacgca 180
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<210> 947

<211> 829

<212> DNA

<213> Homo sapiens

<400> 947

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<210> 948

<211> 766

<212> DNA

<213> Homo sapiens

<400> 948

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<210> 949

<211> 838

<212> DNA

<213> Homo sapiens

<400> 949

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<210> 950

<211> 804

<212> DNA

<213> Homo sapiens

<400> 950

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<210> 951

<211> 850

<212> DNA

<213> Homo sapiens

<400> 951

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tacctacttt gagcagcact attacagtaa ttgctcctac tcatcatgga aacaacacta	180
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<210> 952

<211> 833

<212> DNA

<213> Homo sapiens

<400> 952

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 aaaatgtaaa tacattttta taaccaatgt ttgatctta ttgaatgtta ctttgaaaat 660
 gtataactat tgctgcaat gtagatgagc cttttagtag agctgattta ttccagtaac 720

ttcttccata ttttctcact aatctccgtt agccaaaata tgccagaaat gggaaagaga 780
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<210> 953

<211> 757

<212> DNA

<213> Homo sapiens

<400> 953

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ttggctgggt atggtggtgc aagcctataa tcctagctac tcaggaggct gaggtgtgag 660
gatcaagaag atcaaggctg cantgagcta tggcatgccc tgnactccag cctgggtgac 720
ataggtagta gacctgtca aaaaagaaaa gaangaa 757

<210> 954

<211> 818

<212> DNA

<213> Homo sapiens

<400> 954

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<210> 955

<211> 719

<212> DNA

<213> Homo sapiens

<400> 955

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<210> 956

<211> 777

<212> DNA

<213> Homo sapiens

<400> 956

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 ccaggataac cacagtcctc tttggaatag cattttaaaa gttgcaacat ggttatgaca 180
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<210> 957

<211> 832

<212> DNA

<213> Homo sapiens

<400> 957

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gaaataaatt gtttgaaaac tctttgaaga gaaatggctt cagtatatgt ttctatctct	180
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<210> 958

<211> 798

<212> DNA

<213> Homo sapiens

<400> 958

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<210> 959

<211> 812

<212> DNA

<213> Homo sapiens

<400> 959

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<210> 960

<211> 825

<212> DNA

<213> Homo sapiens

<400> 960

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<210> 961

<211> 765

<212> DNA

<213> Homo sapiens

<400> 961

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<210> 962

<211> 608

<212> DNA

<213> Homo sapiens

<400> 962

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608

<210> 963

<211> 714

<212> DNA

<213> Homo sapiens

<400> 963

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<210> 964

<211> 776

<212> DNA

<213> Homo sapiens

<400> 964

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<210> 965

<211> 736

<212> DNA

<213> Homo sapiens

<400> 965

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<210> 966

<211> 854

<212> DNA

<213> Homo sapiens

<400> 966

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<210> 967

<211> 461

<212> DNA

<213> Homo sapiens

<400> 967

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<210> 968

<211> 805

<212> DNA

<213> Homo sapiens

<400> 968

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<210> 969

<211> 543

<212> DNA

<213> Homo sapiens

<400> 969

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cttatgtata gtccttaata atcctgatga cttggtaaca agtaaaaact aaaaccaga 480
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<210> 970

<211> 445

<212> DNA

<213> Homo sapiens

<400> 970

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caaattttgg tttattttct ttggttctaa tttatatttt tgtttaaaac tatatttttc 180

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<210> 971

<211> 841

<212> DNA

<213> Homo sapiens

<400> 971

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<210> 972

<211> 821

<212> DNA

<213> Homo sapiens

<400> 972

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<210> 973

<211> 868

<212> DNA

<213> Homo sapiens

<400> 973

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 gtgcaaagtt catctggttt ctctctgg 868

<210> 974

<211> 807

<212> DNA

<213> Homo sapiens

<400> 974

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<210> 975

<211> 834

<212> DNA

<213> Homo sapiens

<400> 975

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<210> 976

<211> 745

<212> DNA

<213> Homo sapiens

<400> 976

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<210> 977

<211> 814

<212> DNA

<213> Homo sapiens

<400> 977

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<210> 978

<211> 812

<212> DNA

<213> Homo sapiens

<400> 978

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 cagattaaac cctcacatga tcatgtaagc tatgcagtta cccaagctgc atcatttaga 720
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<210> 979

<211> 811

<212> DNA

<213> Homo sapiens

<400> 979

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<210> 980

<211> 810

<212> DNA

<213> Homo sapiens

<400> 980

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<210> 981

<211> 746

<212> DNA

<213> Homo sapiens

<400> 981

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<210> 982

<211> 808

<212> DNA

<213> Homo sapiens

<400> 982

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<210> 983

<211> 812

<212> DNA

<213> Homo sapiens

<400> 983

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<210> 984

<211> 808

<212> DNA

<213> Homo sapiens

<400> 984

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<210> 985

<211> 808

<212> DNA

<213> Homo sapiens

<400> 985

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808

<210> 986

<211> 787

<212> DNA

<213> Homo sapiens

<400> 986

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ctaagctctt tggcaactac tcccgggatc agcccatctt cctgcggctt gaggattatt	180
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acaatgcccc agtggctggc tatgagggtg acgtgggctc caagaccacc atgcgtctct	360
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tcctggtagc tttcaaggca atggacttcc actggattga gaccatcctg agtgataaga	480
agcgggtgcg aaagggtttc tggaaacagc ctcccctcat ctgggatgac aatcctaaac	540
agattcggat tctcaacctc ticttcatgg agattgcagc tgacaaactg ctgagcctgc	600
caatgcaaca gccacggaag attaagcagg atgcggaatt tggtcagagc cgttcatgac	660
agagctcanc agaatggcag ctgaccctgg gagatcactt gcctgttctg agaaaggcct	720
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<210> 987

<211> 840

<212> DNA

<213> Homo sapiens

<400> 987

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 aaattgttta tgcataaaag gttaaaaaaa ggttaaattt tgnTTTTATA actaataatg 660
 gattanggtc atgtgaaagt acttttagagg aaatgagact tttgagaaca tcatccctga 720
 agacgttgaa aactgagtt acctcatgga taatttaata gggatatgcag ctgatttttc 780
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<210> 988

<211> 412

<212> DNA

<213> Homo sapiens

<400> 988

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 caaggattag aagacaagtc gaatgacatg tgtttgggaa tagaaaacta ctcttagaag 180
 ctagaaggaa gaaaattcaa tgcttagagc cttacctatt gaaacggatc tagggagcag 240
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 gttcaactca aaaagctagt aagagagcca ggtattaaaa ttttaaaaca acancagtaa 360
 aacgtatgga agtaaataat aaaagtaaag gcagaggtca atgaatatat at 412

<210> 989

<211> 840

<212> DNA

<213> Homo sapiens

<400> 989

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aactaagacc acgtccattc taaaactacc caccaaagca ccaggttga taccttatat 360
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tncaagatgc cagctcattg tcaagaaaca ttttagaaaa agaaaggga cttcagcaac 780
tggaatcca gaatacctaa ggaaaaacat tgcttaactt cagcctgatt tggaggcncn 840
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<210> 990

<211> 780

<212> DNA

<213> Homo sapiens

<400> 990

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agaggtcagg ttttaagagaa gtagcaacat acttctatta tttacatggt gatttttttt 180
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 tgcacaggag aagcctncct aaaccagaa taaaatactt aatttggtat ctatttttta 660
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 actttcacan gggtttttcc aattcagact ttcggggcta tggcttactc ttacacatnc 780

<210> 991

<211> 838

<212> DNA

<213> Homo sapiens

<400> 991

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 acaaactgaa aatccctcct gaagaaatga acaaatgga acaaaagttg attagagact 180
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 gaatattaca tgaaaatttt caaacattaa aagcagaaga taattttgaa gacatcataa 660

ctaaaccacc tgttcgaaag tttgtcatga gaaggaaatt atggcagaag atgatacagg 720
 ggttcttatg aagctacagt cccttttagc aaagcaacca ccaactgcag cttggaaggn 780
 ctgtggatgc cttaccaaga gtcccaggan gcttcccacg aacaccaaata agatctgt 838

<210> 992

<211> 714

<212> DNA

<213> Homo sapiens

<400> 992

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 tcatgaggtc aggggtacctt ccactgtgct tcatgaggtc aggggtacctt ccactgtgct 600
 tcatgaggtc aggggtacctt ccactgtgct tcatgaggtc aggggtacttn cactgtgctt 660
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<210> 993

<211> 793

<212> DNA

<213> Homo sapiens

<400> 993

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 ggctatctca gacagtttta cggaaaatat ttcttacaga gacagaaagg atnccaccc 720
 agttaaatgg ttcattctct gngatttgcc ctgcaangga gctcatctgg tgttgaaaag 780
 ggcatctaac ttt 793

<210> 994

<211> 839

<212> DNA

<213> Homo sapiens

<400> 994

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 canggtttgtg caagcctntt tggcttgggtg ggaattgcag cttataaaca cttccagac 839

<210> 995

<211> 760

<212> DNA

<213> Homo sapiens

<400> 995

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 ttcaaaagca gaactggcca gaggtgcttg tgattcctgg gtggaaacca tggcagtgga 660
 cagaagcagc atggaggaaa agagcactgg aattcangct gaggaactgt gaagcccaag 720
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<210> 996

<211> 842

<212> DNA

<213> Homo sapiens

<400> 996

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<210> 997

<211> 747

<212> DNA

<213> Homo sapiens

<400> 997

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ggtgtttgtt ctccttaaag agaggaagaa ctgttttatg agttaatgtg agattatattt 240
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<210> 998

<211> 708

<212> DNA

<213> Homo sapiens

<400> 998

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<210> 999

<211> 823

<212> DNA

<213> Homo sapiens

<400> 999

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<210> 1000

<211> 765

<212> DNA

<213> Homo sapiens

<400> 1000

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<210> 1001

<211> 739

<212> DNA

<213> Homo sapiens

<400> 1001

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gccttcgacc gggcttttgc tgacaacca aggaccgatg gntgtgtttg ccacgccagg 720
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<210> 1002

<211> 843

<212> DNA

<213> Homo sapiens

<400> 1002

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<210> 1003

<211> 839

<212> DNA

<213> Homo sapiens

<400> 1003

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<210> 1004

<211> 550

<212> DNA

<213> Homo sapiens

<400> 1004

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<210> 1005

<211> 776

<212> DNA

<213> Homo sapiens

<400> 1005

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<210> 1006

<211> 837

<212> DNA

<213> Homo sapiens

<400> 1006

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<210> 1007

<211> 783

<212> DNA

<213> Homo sapiens

<400> 1007

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<210> 1008

<211> 792

<212> DNA

<213> Homo sapiens

<400> 1008

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792

<210> 1009

<211> 746

<212> DNA

<213> Homo sapiens

<400> 1009

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<210> 1010

<211> 871

<212> DNA

<213> Homo sapiens

<400> 1010

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<210> 1011

<211> 867

<212> DNA

<213> Homo sapiens

<400> 1011

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<210> 1012

<211> 744

<212> DNA

<213> Homo sapiens

<400> 1012

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<210> 1013

<211> 657

<212> DNA

<213> Homo sapiens

<400> 1013

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<211> 855

<212> DNA

<213> Homo sapiens

<400> 1014

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<210> 1015

<211> 783

<212> DNA

<213> Homo sapiens

<400> 1015

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783

<210> 1016

<211> 867

<212> DNA

<213> Homo sapiens

<400> 1016

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<211> 766

<212> DNA

<213> Homo sapiens

<400> 1017

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<210> 1018

<211> 871

<212> DNA

<213> Homo sapiens

<400> 1018

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 cccatagcac tggctcttga atttaacatg ctgcacaag gctgtgagga tatcattgct 780
 gagagcatct cattagatac ctttaattgcc atcctnagcg gagttctnat ccatatggct 840
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<210> 1019

<211> 691

<212> DNA

<213> Homo sapiens

<400> 1019

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 gtagtcttca ccttttgcaa agattttttt ttttaagtac tacctctcct ttttgatcaa 540
 ggcagtatgc aatctttgta ttagtgtatt ttcagaaaca tcaattagat gttaacttg 600
 ntcccttttt taaatgcttc acagataatt nactagatta tttttaacaa acaattcaaa 660
 gcttgaatta ntgaaacttc aaaaccgatt g 691

<210> 1020

<211> 776

<212> DNA

<213> Homo sapiens

<400> 1020

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atTTTTgttt ttttagaagc agggctctac tgtgttgctt agactggctt caaactccta 240
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tataaaaatc tgcagcagta ttattcaata atactgctgt ttaacgaaaa aacagacttt 420
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cctctgaaaa gaagtcatta gatcccagtt tcagaaatgc agatttaaaa caagtagttc 660
aaaaatctct ttcactttgt gttgatgaga actacaaan gaacttaagt aatacttttt 720
gcttttagatt ttacaaaatn gaagccaaag tagtaagatg tggnaaaggg aaaagg 776

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<210> 1021

<211> 834

<212> DNA

<213> Homo sapiens

<400> 1021

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tgatgaaagg catttaacc tagagcatgt acaaagctga gtcgcaagtc tcagaaatag 180
tgtcctaaag tgatgtattg gcctcagagg gaattcgtat gtacttatac acaaattcac 240
cataatgaat gcaccaaacc atacttttaa atgcccaaat aattcatatt cataaatttt 300

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tcattttgag cccctagata ttttttaatc aaaaccata ccactatcca ttcattctcc	360
attcaatcaa atggaaaaga gccatatitt tttcaaaaat agcaaaaatta tctaatttcc	420
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gcactttaaa aatttttccc agaaacatga gatgggatgg tcagagggtca tgcagttggt	540
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aatgttggct gtggaaaaag aacatttcca cattttgctt ggccattggt tctggaaatc	780
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<210> 1022

<211> 726

<212> DNA

<213> Homo sapiens

<400> 1022

aaaatacaat tcctaaggca atatctgctg gtaagtcaag ctgataaaca ctcagacatc	60
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acaactataa atacatattc ttgggtgtca taatcaagaa agaggtgact tctgttgtaa	180
aataatccag aacacttcaa aattattcct aaatcattaa gattttcagg tattcaccaa	240
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ctttcctagc agggtttgaa gtctgtggct tatcagcctg tgacacagag taccagtgta	360
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tgtggtgttt gtttccatcc ccaaggcaaa caaggaaagg aaaggaaaga agaaaagggtg	480
ccttagtcct ttgttgcaact tccatttcca tgccccacaa ttgtctgaac ataaggtata	540
gcatttgggt ttttaagaaaa caaaacatta agacgcactc attttatatc aacacgcttg	600
gaggaaaggg actcaggga gggagcaggg agtgtgggtt ggggatggat tatgatgaaa	660
tcnttttcaa tcttaaaatt taatncacca atcttgcaaa attatggggg cngttcccaa	720
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<210> 1023

<211> 782

<212> DNA

<213> Homo sapiens

<400> 1023

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tgacctggac cacaggggct tcagtaacag ctacctgcag aagttcgacc accctctggc 60
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ccagttggaa gggcacaata tcttctccac tctgagctcc agtgaatatg agcaggtgct 180
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ggcagctgca tctgaagatt gagcactggt caccctgaca cgctgtccca cctacagatc 720
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gg

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<210> 1024

<211> 736

<212> DNA

<213> Homo sapiens

<400> 1024

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<210> 1025

<211> 859

<212> DNA

<213> Homo sapiens

<400> 1025

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 aagagtcaig tgttttaaaa aaacctatca aacgagtata taaaaaattt gatccagttg 180
 gagagatttt aaaaatgcag gatgagctct taaagccaat ttccagaaaa gtaccagaat 240
 tgcccttaat gaatttagaa aattctaaac agccttctgt ttctgagcaa ttgtctggtc 300
 cttcagactc ctctagttag ccgaaatctg gatggccttc tgcatttcag aagccaaaag 360
 gacgattgcc atatgaactt caggattatg ttgaagatac atcggaatac ctagctcctc 420
 aggaaggaaa ttttgtttat aagttattta gcctgcaaga cctgttgta ctcgtacgct 480
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 aacacattct aaagaaacta agtagcttgc agganggttc ctacttggta tctcatgcng 840
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<210> 1026

<211> 819

<212> DNA

<213> Homo sapiens

<400> 1026

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 cacctcaaaa attattccac agtttggatg ttagtattag gtattatata agaatttccc 180
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 accctttatg aggcacagga ggcgatacgc ttgcatctcg atctctcagc ctcgggtcat 720
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<210> 1027

<211> 857

<212> DNA

<213> Homo sapiens

<400> 1027

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aagtgactat ttccattccc tttcatgtat ttgccttgtc tggaagactt tgattatgtg 180
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aataatatta ttataacgtt taggcgtaga actgtggcaa agccaacagc ttctctgaca 720
tgtgcaggat ttctcatat ttcagtctgc aatactagag cctgactaaa accggcaggt 780
ttgcaaacag caagggtaaa taaatcntgg gggtttggcc ttctggggtg ctctaggcat 840
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<210> 1028

<211> 836

<212> DNA

<213> Homo sapiens

<400> 1028

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tctgaagttg attctatcgt caaagaaaa atttcagtat aaagcatgta gtttatacca 180

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agaagccttt ttaaacttaa ggtctctttt ttcataacat gtacatataa attttaaaag 240
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 tcagatcatc ttttctctt tggaggattt accactgata aacagccact aagtaagtcc 420
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 gtgggggaaa aanangaaaa tatactctct gtatctgctc atgatctatt acctttcttg 720
 ccaaagctgt gccctttaa tggcaatgtc atatttgcca ggactaacat acttcatttc 780
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<210> 1029

<211> 854

<212> DNA

<213> Homo sapiens

<400> 1029

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 caacataggg agaccccatc tcttaaaaaa aaaaagataa actaaaaata aattaattaa 600
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aactttgtta ggggagctgn tttcccttgn gttggccaat tctgcgagtg gtaagtgatt 720
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<210> 1030

<211> 853

<212> DNA

<213> Homo sapiens

<400> 1030

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 tacagtaaaa tncagcacca agaattgtaa attcacaatg gncagtatct agtcagaatt 780
 tttcatngt attggggatg aaagtatgtg gaagggcaaa agaaggcttt cccaganggc 840
 ttagggaacc ttt 853

<210> 1031

<211> 851

<212> DNA

<213> Homo sapiens

<400> 1031

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aaagagactt g 851

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<210> 1032

<211> 706

<212> DNA

<213> Homo sapiens

<400> 1032

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tttgtatata cacacaaata taaataaaca cacttgtaag atatataaag acatcaaatt 180

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<210> 1033

<211> 656

<212> DNA

<213> Homo sapiens

<400> 1033

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<210> 1034

<211> 717

<212> DNA

<213> Homo sapiens

<400> 1034

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gcgggtcgcc ggagctctga tcgccgggaa cccttgccgc tgctgtcctg cgaccccaag 180
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tctgcgtttc tgctatatgt gattgtggga tattaatttt tgaggttgac tttagtcaa 600
agcaaaaggc ttccagaatg tcctgacatg cagattctgg atttaaggcc caaaangggg 660
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<210> 1035

<211> 520

<212> DNA

<213> Homo sapiens

<400> 1035

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gctttaatga tttatggcaa actcatacta gccttgatca gagaggtgac cctggcagtt 60
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gttcctatcc aagatggcca ctaaattgca cttcttctat tttcacctc tggagaatgg 180
taaaaagcat gatttgcaaa tattgtcaag tccaaagtgt gtttctaaac tactaagcta 240
gccaaatgca tctctatatg ttacaatgtt ctgcagatgt gaaaaaatcc ttcccgggtt 300

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tatgaaagtg agaatgatat gcatcttttag ctgcctctgg catccggcac gtcacacagt 360
gtggtcagtc cagtcaggct gcccagagcca cagattccca gcggcttcat ttgtcagaca 420
agctgacagg tgttggtcag gaaaatactg atcaagttgt ttttgttggt gttgttttga 480
gacaggggtct cactctgtca cccaggctgg antgcannng 520

<210> 1036

<211> 675

<212> DNA

<213> Homo sapiens

<400> 1036

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ttctccttta aagggactcg gaaagtggca gaggaggctt gcattgccct ctgtgtggag 180
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agttcgtcgc ccagtggaag ccacttaaag attgatttct gcctgaccat gaggcttggt 480
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ggtgcccttg acttcagctc tgctatctgc agtgggagcc caccagacac atcctgggtt 600
tgagactctg gggttgtgct ttgacagctg gctgccctgt cccttggtng gggggggggg 660
ggnccccctt tnccc 675

<210> 1037

<211> 660

<212> DNA

<213> Homo sapiens

<400> 1037

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tccagcagtt	cttctgattc	tgaagatgag	gataagaaac	aaggaaaaca	gagaaagaaa	180
aagaagaacc	gttactgaat	cagacagtaa	ggatagttta	aaaaagaaaa	agaagtcaaa	240
agatgggaact	gagaaagaaa	aggatattaa	aggactcagc	aaaaagagaa	agatgtattc	300
tgaagataaa	cctttatcat	ctgagtcctt	gtcagaatca	gagtatatgt	aggaggtgca	360
agcaaaaaaa	aaaaaaaaaa	aaaaaacccc	acaaagtcaa	aagacaagtt	tgaaaaatgt	420
ttacagctcc	acaaagatag	acaaatttcc	ttgatgtatg	aaaaatgtca	acaaaccaat	480
aaaaagacta	acaattcagt	agaaaaatgg	acaaagaaca	aatatggaga	ttcatagaaa	540
tgagagataa	atgtcatgat	gagaagggtga	ggtgctcact	tgatttataa	gagaaatgaa	600
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<210> 1038

<211> 642

<212> DNA

<213> Homo sapiens

<400> 1038

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ggctggagag	ggaaccatgg	ggactgtgca	cgcccggagt	ttggagcctc	ttccatcaag	180
tggacctgat	tttgaggat	taggagaaga	agctgaattt	gttgaagttg	agcctgaagc	240
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tggaaggact	aaagatgata	tcatcatttg	tgaaattgga	gatgttttca	aggccaaaaa	360
cctaattgag	gtaatgcgga	aatctcatga	agcccgtgaa	aaattgctcc	gtcttggaat	420
ttttagacaa	gtggatgttt	tgattgacac	atgtcaaggt	gatggcgcac	ttccaaatgg	480
gttagacggt	acctttgaag	taactgaatt	gaggagatta	acgggcagtt	ataacaccat	540
ggttgggaac	aatgaaggca	gtatgggtact	tggcctcaag	cttcctaate	ttcttggctg	600

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642

<210> 1039

<211> 681

<212> DNA

<213> Homo sapiens

<400> 1039

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 ttgcgcccgc tcagaagaac attgaccggg agaccagcca cgtcaccatg gtggtggccg 180
 agctggagaa gacgttgagc ggctgccccg ccgtggactc cgtggtcagc ctgctggacg 240
 gcgtggtgga gaagctcagc gtcctcaaga ggaaggcggg ggaatccatc caggccgagg 300
 acgagagcgc caagctgtgc aagcgccgga tcgagcacct caaagagcat agcagcgacc 360
 agcccgcggc ggccagcgtg tggaagagga ggcgcattga tcgcatgatg gtggagcacc 420
 tgctgcgttg cggctactac aacacggctg tcaagctggc gcgccagagc ggcatcgagg 480
 acctagttaa tattgagatg ttcttgacgg ccaaagaggt ggaggagtcc ctggagaggc 540
 gtgagacggc cacctgcctg gcctggtgcc atgacaacaa gtcccggctc cggaagatga 600
 agagctgcct ggagttcacc tcagaatcca ggagttcatt ggaaaaaccc ttttncnaaa 660
 tttttncccc cccggggggg g 681

<210> 1040

<211> 655

<212> DNA

<213> Homo sapiens

<400> 1040

cattccttaa tgggtttaca tattaattaa tctgttgatg tattcatgca tgcatttgca 60
 aatataattt gaagccctac cattttctag gaattctgcg agaacctagg gaatagatag 120

gactacattg attttgtcat catgggattc tggaaacatt caggaggagc atctcatctc 180
tagcctaggg tgtcagaaag aacttgagta atcaaggatt gggctctaaa ggacaagtga 240
acatgtgcag gtgagaacat tctaaaatga agggaattga acaaaagcaa agccatgtta 300
aacagcttgt acttcatctg taggtagatc agtaaccact caggggtttt aatcagggaa 360
atgatcttct cagatttggc ttcatatgaa tctctctatt tgccttatgt cacagcatat 420
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gaaatgatta cattaaaaca ggcctagaca caaaccacca ctttttttgc cagaaaggca 540
tagaaacaaa ttgtattagt gcttgccagg ttctgggagg agttggagat ggagaatgac 600
tgctaattggg tataagattt ctgtatagtc tgnctcatg ccttggncnt ttaaa 655

<210> 1041

<211> 665

<212> DNA

<213> Homo sapiens

<400> 1041

aaataaaaaat aaatcactat gccaatgtgg gagttatgat catctctgtt tttaaaaatt 60
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atttcccaaa taaaatagag aaacaatatt ttaaggaatg tattgtcccc ttagctttct 180
tattttgcct tttcaggaac tattttgcgtt tgcggtattg ctttaactatg aaatgctaga 240
attcataacc cactatcttc atttcctcca ggctagtagc ttaataacat gaagaaaaat 300
tgattcttgt agtacctaaa atgacatttt ctgcctacat aacctgttaa tccagttttg 360
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aaaaagttaa gtttacagat tttaaagttg cttttcatat caattttatt tatgctgnnt 480
ttatatTTAA attgctttct atgtgagtc tccatgtaat tttcatccaa actgaaatta 540
acctttgcgt aatttctgct ttcttgaaac tactttttct tttgatgatt aaatattgta 600
tgattactgg agttggtgat tgctaactac tganagtcag tgggncccc ttttaaaaaa 660
aaaaa 665

<210> 1042

<211> 711

<212> DNA

<213> Homo sapiens

<400> 1042

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cagagatcat gtgacttgca tgtggcctag agataaaatt caaatctggt tctgtagact 60
ccagggacat attcaccatg ccatgggtgg tggctattaa accttgataa atttgtgttt 120
atggttaaca aatgtgaaag ctattaaaca ttgctggttt gaatttttta cagtcagaa 180
atgtaaaatg aaaaaggata tttcctttca cagtgttacc gagaagtcac gataatttcg 240
tttgttcttc cagatttagg catatactta tttaatcaat aatgtgttaa cagctgacac 300
ctgtggttgc tgtgacaggc actatttgaa gtgctttatc atggattaac tcttaatcct 360
cagctaccgt ataaagtagg acataacccc attcacatg cactacactg agacttgcct 420
cctctccccc cacattgaag atgttctttt tttcataact atatactatt ccattgcatg 480
aatattctgt aatttattta atcccctatg gattgataat taggttcatt atagatagaa 540
gtgtaattaa cattcctgta catgtatttt gctacttggt tgggtatttc tgtaggatga 600
ataactagaa atttattgga tcaggtttca catttgcagt ttttttttgg ggaaaaaaaa 660
aaaaaaaaacc ccttttnaaa ncccnttttt aaaaccccc cccaaaaaaaaa a 711

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<210> 1043

<211> 690

<212> DNA

<213> Homo sapiens

<400> 1043

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attcaaaact gtggattcca ttccagcaga ttagctaaa atgggggggc aggagaaaac 60
tgtggaatag ggaaggtttt ttctaaggct tcattattgt gccagtctca agttgaaaag 120
aggctacatg attgtacatt caagtcttat gtttctctat atttgaaaaa taaaaacatt 180
tataaaatat atgcaatgtt tactgggtgc tttcctcgt attagtgttt taaagcaatt 240

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gaagaaaata aatatttcag tataaaaagg agcaaataag tacttaagag 300
 aaaaaaattt tagtgacagc tttaatggtt gataattcgg tacccttcag ttcacccatt 360
 taaagtatac aattcattga tttttattat agtcacaaat gtgtacaact gttaccaaag 420
 tgaatttgat aatttttttt ttatcacctc ataaagaacc ctgtaccctt ggccaggcac 480
 atttgctcat gcctgtaatc ccagcacttt gggaggccca ggtgggcgga tcacttgagg 540
 tcaggaggtc gagaccagcc tggccaacat ggtgaacctt gtctctacta aaaataaaaa 600
 aatgagccga gtgtggtggt gggcgctgt aatcccagct tacccttttt tggggggggg 660
 gnaaaaaggg ggggnccnt ttttaaaaaa 690

<210> 1044

<211> 710

<212> DNA

<213> Homo sapiens

<400> 1044

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 cttgtaaggc aggactggtg gtgacaaaat ctttcagcat ttgcttttct gtgaaggatt 180
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 gggaaaactc catctctact aaaaatacaa aattagccag ctgtggtggc acatgcctgt 420
 aatcccaact acttgggagg ctgaggcagg agaatcgctt gaaccagga ggtcaggttg 480
 cggtagaccg agatcttgcc atcatactcc agcctgggca acaagagtga aactccatct 540
 cacacaaaaa aaagaatgtt gaatatggc ccgcactctc ttctggcttg tagtgtttcc 600
 gcagagaaat ccactgttag tctgatgggc ttccctttgt gggggaaatt ttaaaaaaac 660
 ccccccccc cnggggaaaa accccccccc cttttttttt ttttncccc 710

<210> 1045

<211> 645

<212> DNA

<213> Homo sapiens

<400> 1045

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ccatgcacac aatttaagg ggaatcaaaa agctaagtaa tccagataaa tgttatttat 60
tgtaatgcaa taaaaatatt caaaataagg ctaaaatcta tgctgaagaa aataccacaa 120
ttttaaaaga agattaatag ggaacgtgga ggtatttttt ctcttgacat gagtggtgca 180
ttgtatgcac atttgttttt cactgggctg cgtatttaca tttagtgaat tttctatac 240
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cagtgatttt gatagtaggt ttagattggt catcagaaag ttggctctgt gtttctctat 480
atcttggcac ccaaatgttc aatttaactc caggtaccca cttgtcttat ggctctggtt 540
catacgagg caattaacct tcattataat ggttggttca caatagaaca attatctagt 600
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<210> 1046

<211> 664

<212> DNA

<213> Homo sapiens

<400> 1046

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ttcaaggaga agattctccc aggaaatctg acctcagaag acacctcctt ggggcctctc 120
tgctgtcaca gccatgccac cttagagctt tgtaaagcct gcaaagggt ctttaaaaac 180
ttcaagccag gcgcagtggc tcacacctgt aatcccagca ctttgggagg ctgaggcagg 240
cggacacttg agcccagggg ttcacagctg cagtgaagct cggatcatgcc actgcactcc 300
agcctgggtg acagagtaag accctgtctc acagaaataa gtctaacttt aattgaaatg 360
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ctgtagcang ctgagcgcag tggctcttgc ctgtaatccc agcactttgg ggaggacaaa 420
gtgggcggat cacctgaggt caggagttcg agaccagcct ggccaacatg gtgaaacccg 480
tctctactaa aaatacaaaa attagccagg tgtggtggtg tgcacctata gccccagcta 540
ttcaggagac tgaggcagga gaatcgcttg aacctgggag gcggagggtg cggtagagctg 600
agatcatgcc actgcactcc agcctgggca acagagcgag actttccccg ggnnncccct 660
tttt 664

<210> 1047

<211> 855

<212> DNA

<213> Homo sapiens

<400> 1047

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cccagtccaa aaaagtattt ttaaataagg ctgccgactt cattgaagag ctatcctcct 720
tttcaaattcc acagcttcca aaggattaga cctcgtgcct gcaaaaaccn caagagtnaa 780
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agactttgtc catcc 855

<210> 1048

<211> 817

<212> DNA

<213> Homo sapiens

<400> 1048

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cactgagaat atggggtaaa tacttggaga caagagagag acaaatgtcc tagtttccaa 60
aaaggaataa agtatattgc aaaaacccaa gaccaattcc ctactttaaa ctgtggtaaa 120
atttgaagag attgtaaaaa aatgaaatat tgtgtttaga agagaatggg atgatcacca 180
tgaatcaata tgaatttata agaataagac atgccaaaat gacctcattt tttttttgct 240
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gcgttttagtt aaataatagt tactttatat actggttcct cacagagAAC tgggtggtgaa 480
cattaatttg catatattca gaaagtatgg atttgtagtt aacgagtttt ttttaaggatt 540
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tttgcaacca agctgtattt gtaagatata taaatctgnt ttttaatttac atatgtaacc 660
ttgacttata aattacttag aagccaaggc gtaatattag catttagagc aaagtctggc 720
tatgttaana atgctaacgt tatgaagaat cttttctttg gtcagtaacc actatngtaa 780
gctccttgga tgttttcac ccttgaaagn cattctg 817
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<210> 1049

<211> 667

<212> DNA

<213> Homo sapiens

<400> 1049

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ggggtgtggc aggaggtgag tttacataa acctccaagc aggagtcaaa agtagacaag 180
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 tggccagacg tgggtggctca gtctataatc ccagcacttt gggaggccga ngcgggcgga 600
 tcacgaggtc aggagatcga gaccatnctg gctaacaccg ggaaaccctg tctctactaa 660
 aaaatnc 667

<210> 1050

<211> 698

<212> DNA

<213> Homo sapiens

<400> 1050

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 gggggcctta taccatttaa gaagaggaaa tatatagaaa aaagtggcct ggagagaaac 180
 ttgtccctg aatttccaat atatgtccaa actgatgact ggggtgagaa agatctattc 240
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 aaaagatact ggtagggctg cagagaaaag ggaatgctta tacactgttg gtgggaatat 360
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 tcgctgttca acccagtaat ctaattagtg ggtatatatg caaaagaaaa caaatcgttc 480
 taccaaatac acacatgcac tcacatgttt actgcaacac tattcacaac agcaaagaga 540
 tggaatctac ctaggtgccc atccatgggtg gattggataa gtaaaatgtg gtacatatat 600
 actatggaat attacacagn cacaaaaagg aatgaagtca tgtcctttgt agcaacatgc 660
 atggtgctgg angtcactat cctaagtga ttaacnca 698

<210> 1051

<211> 667

<212> DNA

<213> Homo sapiens

<400> 1051

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 gatggatcatg ataaataaat gcttactgct gtatttctact gcttgtctgt gcttctttgg 180
 ctataggcta aaaacatgga atgctctctc ttgcctaagg acacaaaatt gtgcagtaaa 240
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 gtcacgctac tgcactccag cctggcatga cagagtggga ccacgtctca agcaaaacan 600
 aacaaaacan aacaaactaa tgagttaata aatgaggtan agagaaacag attttgaaa 660
 tgccgat 667

<210> 1052

<211> 654

<212> DNA

<213> Homo sapiens

<400> 1052

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 aacgcgggtc tcaggtttga ggtgggtcccc tccaagttaa aagagaagct ggacaaagcc 180

tccttcgcta ctccgtatgg gtacgcatg gagaccgcca agcagaaggc cctggaggtg 240
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 atcgtgacag tcggggggct gattctggag aagccggtgg acaagcagga cgcctacagg 360
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 atggacaaag ctggcggcta cgggatccag gccctgggcg gnatgctggt ggagtcgta 600
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<210> 1053

<211> 903

<212> DNA

<213> Homo sapiens

<400> 1053

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<210> 1054

<211> 686

<212> DNA

<213> Homo sapiens

<400> 1054

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cattccgggc cctaaaacag tttttttagc tcgtcagcta tcgttaatgt taatgtattt 180
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gcatagtgat tactagaata attcccagag tttctttgac agagacgtca cattagtta 540
acttaccaa acagacagaa gaaatagaaa acttgagtag tcctattaag gaaataaaat 600
aattgaatct tttctacaaa gaatatcca gacctagatg gcttcaatgg taaattctgt 660
gaaacattta agaaaaacan annaca 686

<210> 1055

<211> 680

<212> DNA

<213> Homo sapiens

<400> 1055

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<210> 1056

<211> 805

<212> DNA

<213> Homo sapiens

<400> 1056

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 ccttagcctc cccagtagct gggactacag gcatgcgcca ccacactcgg ctaatttttg 180
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 caagtgatct gccacctca gcctcacaaa gtggttaggat tacaggcatg agcccaggag 300
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cagnacctgn ttggcittggt tcccattgaa aatcaagcag gtagtcacat agatttcatt 780
aattaacccc aaaataagna tgact 805

<210> 1057

<211> 756

<212> DNA

<213> Homo sapiens

<400> 1057

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ttctgtgcag caggctcctg gcccagggag tgcggtgtgc ggagagagtc gtgcagggaa 180
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ttcgggtgagg tcaccttga ngggagtccc aggaatcagc ctgatgttca gaatgccttt 660
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<210> 1058

<211> 834

<212> DNA

<213> Homo sapiens

<400> 1058

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aagttcttgg	gttcagtgc	agacttgaaa	cctgacatgg	tttcattaga	ttgtagaaaa	180
cgcttttttt	ttttttctg	gacaacagat	ggaaccatgt	tgtcggttgt	tcaaagatgg	240
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tcactgagca	aggtaagtac	cagcacttac	agagacggag	tcataaaggc	tgctctctaa	660
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gtcattttga	aactggaata	aatatgtaat	ccgaagggtg	atttttctga	ccaaaagtaa	780
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<210> 1059

<211> 754

<212> DNA

<213> Homo sapiens

<400> 1059

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aagtgaagc	tgaaccgagg	gtactgtggt	gggagcagag	agggctggat	aagaaagaca	180
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ggtggatcac	aaggtcagga	gttcaagacc	agcctggcca	agatggtgaa	acccacctt	300
tttcaaata	tgtatctcag	gggagaaaaa	agagactcca	tgttttcaaa	gtttttgctt	360
tttattattt	atttatttat	ttttgctttt	taaaagcctc	tcaacaaact	ctccttattc	420

ccatgtgact gaggatgaaa cagtctcaga ttaaacagac ttctcaaggt cacgcattgt 480
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 acaaaccaaa caaaacaacg cacttcagac tcttttgaa acctttgaaa ggaacttgat 660
 ttctgtgtgc ttgaaaagta tatattgcaa tcaaggtatt ggtgggtaag tgtgtttttg 720
 angnttgta caaattaacc aaaattatat gnct 754

<210> 1060

<211> 760

<212> DNA

<213> Homo sapiens

<400> 1060

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 ggagtagaag atgggcccga caccnagaga gccaaacttg attcttctga gacaacgatg 720
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<210> 1061

<211> 786

<212> DNA

<213> Homo sapiens

<400> 1061

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ataagatagt aaagccataa gaacagcact tgnatgcttt ttgnattcta agaatatgag 720
aaaaataatt caggggaacc tttatctgaa anggatataa ccatgtcctg gatggaatac 780
tgcgaa 786

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<210> 1062

<211> 702

<212> DNA

<213> Homo sapiens

<400> 1062

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gagaatgtac caaaatccac gacttggccc tccgagcaga ttatgagatt gcaagtaaag 300
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<210> 1063

<211> 781

<212> DNA

<213> Homo sapiens

<400> 1063

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 cccaaatgca tcactttcct tttagttatg gctgattttg ggtgtgtgtg tgtaagacat 660
 gcagtcaaca acgagatgaa ggccattgca tagatctcat gcngatagt atggattcag 720
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781

<210> 1064

<211> 767

<212> DNA

<213> Homo sapiens

<400> 1064

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<210> 1065

<211> 735

<212> DNA

<213> Homo sapiens

<400> 1065

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<210> 1066

<211> 722

<212> DNA

<213> Homo sapiens

<400> 1066

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gc 722

<210> 1067

<211> 782

<212> DNA

<213> Homo sapiens

<400> 1067

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<210> 1068

<211> 800

<212> DNA

<213> Homo sapiens

<400> 1068

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<210> 1069

<211> 826

<212> DNA

<213> Homo sapiens

<400> 1069

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 gaaatacatt tgtaaatttt atgcaacaaa tggcaaacgt atcattatth tgaaattgng 660
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 tcagttttgg ttttttttaa aaactgnngg ttaaaaagaa gtctcattta aatgaaatac 780
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<210> 1070

<211> 749

<212> DNA

<213> Homo sapiens

<400> 1070

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 cagagtgcct gcaggagggg ccatgggaga tcaagctggg aatgtagaaa ggaattttta 600
 cttgataaat tttagactagg taacaggttc ttttatcaag gagtgacatt ttatgtcaca 660
 aaaattttta aaccatttc tgnctcttgg aaaacccaaa gggagcagtg gcatgtgaaa 720
 aattcttggg ttaaaagatt cnaaccatn 749

<210> 1071

<211> 777

<212> DNA

<213> Homo sapiens

<400> 1071

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taaggtgggtg agtgctgtat tagttcagca gaggttacct atgtactttt gggggacaga  180
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gctctagtca ctgtgccaga gcaccaggga ggagagtgtt tgctaccact gacagctgtg  660
tgtcatttag caaattatta acatctcttt ggtaacatgt gacctcaaag aagtcaccta  720
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<210> 1072

<211> 696

<212> DNA

<213> Homo sapiens

<400> 1072

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tttttgataa gatgattact tggttttttt cctgttaaca agggagccta gatgatgatg  180
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agacattgga aaatcttttt atgtaaggca gagatgattt ggtcatagtt cgcaatgaag 300
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 cgaagttctt gaaattaagg atgttaaaat aaaattctga aatctagtat actgtggtat 420
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 agttttccag ggctcccata acaaattacc acaaaccggg cggtttcaaa ttgatcctct 600
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 cttaacacgc intggggaga cccttccttg gctntt 696

<210> 1073

<211> 777

<212> DNA

<213> Homo sapiens

<400> 1073

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 tttccgtata tggagaaaag tgattccacc cactccatgc cctggcacgt catgatgcca 180
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<210> 1074

<211> 709

<212> DNA

<213> Homo sapiens

<400> 1074

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tgcggcggta ccgcacatgt gataaccctc ctccctccaa tgggggaaga gcttgtgggg 180
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gtcttgggtc agcaatgaga aagatagttt ctattctaaa tcccatttat tggacaacag 600
caaaggaaat aggagaacag tcaatggctt taccctncca atgcagtcct caaaagagaa 660
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<210> 1075

<211> 838

<212> DNA

<213> Homo sapiens

<400> 1075

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aagtggctgt ttagctagga aaatcatcaa ataagtaagt agaaatgcat gcagaaacag 300
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<210> 1076

<211> 798

<212> DNA

<213> Homo sapiens

<400> 1076

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cctctatgtg tgactctagg tcttacaaaa tcaaggtgtc ctttctcatt gagacttncn 720

tattaataaaa atatttcttc tattaaatc aacctggcac caagcattat aggtaattag 780
 gcccccccn atgactgg 798

<210> 1077

<211> 776

<212> DNA

<213> Homo sapiens

<400> 1077

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 ttggagaaga gtcattcttg gtgatgagac aatcagtatn aaccagangg tctcatttan 720
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<210> 1078

<211> 740

<212> DNA

<213> Homo sapiens

<400> 1078

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 ggacagccgg gagagggggc cggatctctg gatctcccca gcctccagat ctcagtgtgg 180
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 gtggggcgcg catcaagatt tctaacaagc gcagctgaaa acaccaggg ccgttctctg 480
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 atggtgggta cttgaccttc atttgctgtg ggactgtcag ggattccagg gaccactgg 660
 tccccgaact ggctcanaga tgcaagccac ttttacctnc tacacatcta taatccccac 720
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<210> 1079

<211> 807

<212> DNA

<213> Homo sapiens

<400> 1079

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 tagcccgggtg gaggaaagca ctgattccct attcgccctt ttctggcatt atcagcacca 720
 gtgggctttt caaaagatga gttgatataa gcatcctgtc agaaanggtt ccggcctaatt 780
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<210> 1080

<211> 716

<212> DNA

<213> Homo sapiens

<400> 1080

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 agaaggaagt caggagagtc agtgtcagag tgatgccgtg ggacacagtc tttanggctg 660
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<210> 1081

<211> 734

<212> DNA

<213> Homo sapiens

<400> 1081

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<210> 1082

<211> 767

<212> DNA

<213> Homo sapiens

<400> 1082

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<210> 1083

<211> 693

<212> DNA

<213> Homo sapiens

<400> 1083

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 ttcgcctttt ctgggtttta tttaaaaccn ncc 693

<210> 1084

<211> 746

<212> DNA

<213> Homo sapiens

<400> 1084

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caattcanac ttactgggtg aatatt 746
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<210> 1085

<211> 853

<212> DNA

<213> Homo sapiens

<400> 1085

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 ccaaccacag tcctgaagat caaattctcc catctttgca agattggcat ggcttttttc 780
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<210> 1086

<211> 701

<212> DNA

<213> Homo sapiens

<400> 1086

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<210> 1087

<211> 596

<212> DNA

<213> Homo sapiens

<400> 1087

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gcaataaggt aacanggtgt gcccacctct cagggtctgt atgaggacaa ctgaggccac   60
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tactcattgc ggccgggggc ctccccccagc aaacgggtgg aaagaggcct gagccccatc  180
cccagtttct gcccctgcta tctccacca ggatccacca gaagatatga agcaggaccg  240
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tcaacgtgcc caggacgacc ttatccctgc tgtggaccgg cagtttgcct gctcctcctg  360
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cgcgccgcct ccccggtccg aggtctgcgc gctccgccgc aggtgtcaga cccggggcgc  480
ccgcctgggt ttggggcgca agagcagagg cggagccagg gcggagccag cgcgccgggt  540
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<210> 1088

<211> 762

<212> DNA

<213> Homo sapiens

<400> 1088

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gaggaaatct atcttcctta gaacagattt atggtttaga aaattcaaaa gaatatctgt  180
ctgaaaatga accatgggtg gataaatata aaccagaaac tcagcatgaa cttgctgtgc  240
ataaaaagaa aattgaagaa gtcgaaacct ggttaaaagc tcaagtttta gaaaggcaac  300
caaaacaggg tggatctatt ttattaataa caggtcctcc tggatgtgga aagacaacga  360

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ccttaaaaat actatcaaag gagcatggta ttcaagtaca agagtggatt aatccagttt 420
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 aagatttacc taaccagttt tatcgaggatt ctcatattt acatgaagtt ctaaggaagt 660
 atgtaggat tggncgatgt cctcttatat ttataatctc ggacagttt cantggagat 720
 aataatcaaa gggatttggt tncccaagaa attcaggaaa ag 762

<210> 1089

<211> 752

<212> DNA

<213> Homo sapiens

<400> 1089

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 gggacattaa ggagggaat aaaaagccaa gagaataaaa ataatatta gaaaaggtta 180
 aaaagtatct caaaggaact gttagatata gaagataatg aacaaaaatc caatatgtat 240
 atgtacacga tatgtatatg tatgtataac tgaaaacca aaagaagata aacaaaacaa 300
 tggaacagaa ttaacactta aataagaaaa ctttcaaaa attaaagcag acctttacct 360
 ttgtatttat aggacctact ttgtattcag attggtcaac tctaagacat attttagtaa 420
 aactattgta ttctaagaaa atttcttcta aacttctggc aaaaaaaaaag ccaagtcttt 480
 tacaaggtaa agaaagtcaa gtttgcagct gtttttcagg tattgaggtt atactgaaat 540
 cgttttcagc atgcagaact cagggaatat tataacccca agccattct gaggaattaa 600
 ttagagaaag ctcttcatca aagcaagaga tgatcaattt aagacaaaaa caaagcaagg 660
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<210> 1090

<211> 671

<212> DNA

<213> Homo sapiens

<400> 1090

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catgtgtcac atggcaagag agagggaaca agagatggag aagtaggagt gccacacttt 60
taaataacca gattttggtg aattcagaac aaaaactcat tcattacttt gaagagagcc 120
ccaatccatt catgagggat ctgcctccat gacccaaaca cctcctacca ggccccatct 180
ccaccatggg ggaatcacat ttcaatatga ggtttggagg gacaagcatc caaagtatgt 240
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ttcatatagg atttccggga aaaaaatata gatcatatgc gccagacat ttagctctt 360
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agtatggata gtttttagctt tctccaacac ccagtcacc agaggagctt agagattctg 600
cagagatgca aggaagagaa ntacagtaag gntnccaatc tggtaaactg gtattaccat 660
tttccttttg g 671

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<210> 1091

<211> 769

<212> DNA

<213> Homo sapiens

<400> 1091

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ggcctttttt tttttttttt tcacttttcg ctaaagtcac attccggcag caattttatg 60
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aagcttgggc tctgcttctt attgagttct tttttaaaat tttgctgggg gtccggggaa 180
agaaggaaaa aaagcaacaa caataacgag aaacaagtca cccaggcatc ttgtggaggg 240
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agctgcggga cgggtgcatt cacgaggggg gtgtgtgcgc ctgggggtca cccctgctgt 360
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 cctgagccct ccgcccccg ggcccactcc ccgttctccc agccttgctg gctacttcca 660
 ctcccaaag agccttcagg ggccttcttg gcgtgatcaa aacaacaggg ccaccagntt 720
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<210> 1092

<211> 721

<212> DNA

<213> Homo sapiens

<400> 1092

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 gatcacgagg tcaggagatg gagaccatcc tggctaatat ggtgaaaccc catctctact 180
 aaaaatacaa aaaattacct ggcgtgggtg cgggcgcctg tagtcccagc tactcaggag 240
 gctgaggcag gagaattgtt gaacccggga ggcgagggtt gcagtgagcc gagatcgtgc 300
 cactgcactc cagcctgggtg acagagcgag actacgtctc aaacaacaac aaaaacaaca 360
 acaaaataca aaaaaattag ccggacgtgg tggcgatgc ctgtaatccc agctactcag 420
 gaggctgaga caggaaaatc acttgagtct gggaggcgga ggttgaagtg agccaagatc 480
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 agaaaagcaa agaaaaaaaa ggcacaatat gtaatgctat ttgctaaagt cagcctcttt 600
 atgggtcttt tgttgacttc ttcttttagtg gctccacttc ttagaagtta atgagcaatt 660
 cctgctatag cagcagagcc tntaccaaag canggggact tcanggaacc actggttgtc 720
 a 721

<210> 1093

<211> 753

<212> DNA

<213> Homo sapiens

<400> 1093

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tttaaagatg tggctaacta gctagtgatg catgaacaat tgttttagaa acctaccatt   60
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atgtctactt ttctctctc cctgtccctt ccccatctt cttctctctc tttcttttct  180
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gactttgaga accaaaggtt ctctctgtaa ggaaatgtgt taacctgatt tccttgttct  420
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<210> 1094

<211> 694

<212> DNA

<213> Homo sapiens

<400> 1094

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catggcaaaa ccccatctcc actaaaaata caaaaattag ccaagcttga tgggtgtcta  180

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tagtcccatc ctctttggag gctgcagtgg gaggattgct tgagcccagg aggtgaaggc 240
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 ccctggataa aggacctttt tctgagcat gtggctctgt ctcagaagca gccctctccc 600
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 agaggnccta aataatttaa gnggcttaaa agcc 694

<210> 1095

<211> 854

<212> DNA

<213> Homo sapiens

<400> 1095

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 gttttctata ccttgggatt acatgttata caaacagct gactgacaat gcagaatgag 180
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 cccaagactt tactagtgcc gataaacttt ctcaaagagc aaccagtatc acttcctgt 600
 ttataaaacc tctaaccatc tctttgntct ttgaacatgc tgaaaaccac ctggtctgca 660
 tgtatgcccc aatttgtaat tcttttctct caaatgaaaa tttaatttta gggattcatt 720
 tctatatatt cacatatgta gtattattat ttccttatat gtgtaagggt aatttatggn 780

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<210> 1096

<211> 791

<212> DNA

<213> Homo sapiens

<400> 1096

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acaacacata atctcagtgt ttctatgtgt agaacaaact tcttaatttc tatataagca 180
gttagatagg cccagaggt ccatgtgtgc tccttttttt tccctaaggc taaaagtgtg 240
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gacacattgg tatagtcctt gccacctctg aataaactgc catttctacg taattgggtg 720
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aagtgtggct g 791

<210> 1097

<211> 747

<212> DNA

<213> Homo sapiens

<400> 1097

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 aatttgattt tccttttctt ggaaaccact acttttaaaa gggctcggcc tttccctttg 180
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 accacggcag taaagctagc ggaccctgcc ctgggggtgcc tttaaacccg nctgcattca 720
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<210> 1098

<211> 825

<212> DNA

<213> Homo sapiens

<400> 1098

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cctagtggag aaccctggaa ggcaacagac acttgagcaa gcacnaggaa ggaaaatgtc 780
ctggaaaggc agggactntt acccaagncc ctacattccc agact 825

<210> 1099

<211> 758

<212> DNA

<213> Homo sapiens

<400> 1099

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aggatttctn ccccttcag tagcttcaga tccaatggc taggcaatat ggagataata 660
gtaaacagga ttttgaaga natggtattt atttatttat ttttaaatan agataaggct 720
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<210> 1100

<211> 551

<212> DNA

<213> Homo sapiens

<400> 1100

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accacacca g 551

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<210> 1101

<211> 833

<212> DNA

<213> Homo sapiens

<400> 1101

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ccagccagag aggggtggatt ttggacccat gttcgagtgt atcagccacc cagattgggt 540
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 aaggcagaat ttaaaagctg tgtacaaatt taacattttt acccatggca agacatctag 780
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<210> 1102

<211> 771

<212> DNA

<213> Homo sapiens

<400> 1102

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 gccagctggt ggagtcccag gtgtgtgctc ccacgctctt actggcacct tcactcttaa 720
 tgggtgangg atggaaaata nggctccagt gctggatgan taagcctgat a 771

<210> 1103

<211> 768

<212> DNA

<213> Homo sapiens

<400> 1103

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cactttggaa gacagtttgg cagtttccta ccaaagcaaa catactTTta ccatgtgac 240
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<210> 1104

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1104

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agtgcttaag aaacgtacag aanaanaata agn

333

<210> 1105

<211> 745

<212> DNA

<213> Homo sapiens

<400> 1105

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tgctgagcaa tcattttatg attaggagtc cctaaaaggt ccatagagcc aactataagt 660
catttggttg aaactggagt aacaggtttc cataggagct gattgtagcc aaaccatttg 720
atgatatttg gntgnagatn gagaa 745

<210> 1106

<211> 800

<212> DNA

<213> Homo sapiens

<400> 1106

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<210> 1107

<211> 749

<212> DNA

<213> Homo sapiens

<400> 1107

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 gttgtagcca gaggttcaca ggaacctaat cctgtatttc ccctaggagc aatagttcag 480
 tatttgctac ttcactgtgt gtggcaactt tatggaacat aatcactaca aataatgaga 540

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<210> 1108

<211> 432

<212> DNA

<213> Homo sapiens

<400> 1108

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 gctgtgaaga tctctcacat gcccttgaga cattttctgg ggagaaattc aagctagctg 180
 cagaaattag cataagtaat gaggagctga atgttaatcc ccaaaacaat ggggaaaatg 240
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 ggaggaaaag atgatttcac gggccaggcc ctgggctctc ctgctctgtg cagactgcag 360
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<210> 1109

<211> 667

<212> DNA

<213> Homo sapiens

<400> 1109

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 gcttctgctg aaggtagcat tgctgctggg ggtggaaatt cactggggtg tcactttcac 600
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 tggccan 667

<210> 1110

<211> 778

<212> DNA

<213> Homo sapiens

<400> 1110

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 tattctgcaa accaaacact ttagtaaaac tctctacttc tagaaatggg ttaacattat 720
 tggnggggtt tcacaatccc cttaaacttt ganagccctc ttgggaagtg aaaatnct 778

<210> 1111

<211> 735

<212> DNA

<213> Homo sapiens

<400> 1111

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ttaaatgaca tctctttttt ccaccagatg ttgctgtagc attacattta tctgctgtgt 360
taaattgtta ctaatatgca attatgtaaa ataacttttt aactgaaaat ctttaagtgt 420
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ttancttttt cttactgntt caaatttggg aaaagtgttc tatgagatat tattttatta 720
atttttttgg aaccn 735
    
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<210> 1112

<211> 767

<212> DNA

<213> Homo sapiens

<400> 1112

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<210> 1113

<211> 679

<212> DNA

<213> Homo sapiens

<400> 1113

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 ttatataatg gccagccag gtttcatcct tgatatcctg gcaactgtag tttatatata 180
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 gaggttggct ctattttctc cttttggcat atgggatggc agtagccctg tggccttttg 540
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 catgaagggt tccttggctt ctgcctgcag ccatatttgg gctgcttnca ngagaagaga 660

agaatgtant gacactgca

679

<210> 1114

<211> 735

<212> DNA

<213> Homo sapiens

<400> 1114

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 ggattacagt catgtgccac cagccccagc taattttgta tttttagtag agtcggggtt 660
 tctccatgtt ggacaggctg gcctgaactc ccaacctcan gtgatctggc cgcctnggnc 720
 ttccaaagtg caaaa 735

<210> 1115

<211> 871

<212> DNA

<213> Homo sapiens

<400> 1115

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<210> 1116

<211> 838

<212> DNA

<213> Homo sapiens

<400> 1116

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<210> 1117

<211> 802

<212> DNA

<213> Homo sapiens

<400> 1117

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<210> 1118

<211> 839

<212> DNA

<213> Homo sapiens

<400> 1118

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aataatatga tagatttaaa aaaacttcaa tcaactaac atctcaaaaat ttttttgggt  780
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<210> 1119

<211> 777

<212> DNA

<213> Homo sapiens

<400> 1119

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<210> 1120

<211> 881

<212> DNA

<213> Homo sapiens

<400> 1120

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<210> 1121

<211> 741

<212> DNA

<213> Homo sapiens

<400> 1121

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<210> 1122

<211> 830

<212> DNA

<213> Homo sapiens

<400> 1122

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cangttgact	aaaacattgg	gcgttattaa	gtcgaaaaga	caaaactacc	tttgaaaaat	780
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<210> 1123

<211> 652

<212> DNA

<213> Homo sapiens

<400> 1123

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 tctgnagtcc cagctactca ggaggctgag gcaggagaat cgcttgaacc ggggaggcag 600
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<210> 1124

<211> 736

<212> DNA

<213> Homo sapiens

<400> 1124

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 gtagttgagt caactgggta atgaacatta catatttttc tatactattc tctgttgtgt 180
 atatttgaaa atctccataa taaaaaccct tttaaaaagt caatccagaa agtggaaagc 240
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 ggtgcactgt acctgcagga ggtagaaagc cgtgcactgt acctgcagga ggtagaaagc 660
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<210> 1125

<211> 836

<212> DNA

<213> Homo sapiens

<400> 1125

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<210> 1126

<211> 829

<212> DNA

<213> Homo sapiens

<400> 1126

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caactttttg tatttttagt agagacgggg ttctactgtg ttggccagga tggcttccat 240
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 caaatatgtt taaaatttaa gtttttncaa aaaatcaaag cactgnacac taaaaatnga 780
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<210> 1127

<211> 861

<212> DNA

<213> Homo sapiens

<400> 1127

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861

<210> 1128

<211> 815

<212> DNA

<213> Homo sapiens

<400> 1128

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<210> 1129

<211> 866

<212> DNA

<213> Homo sapiens

<400> 1129

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ggaaaattat accaaccact ctcttagacc acagcacaat aaaaatagaa atcaagacaa 780
aatcacttca aaaccatacc attattttgg aaattaacca anctacttct ggatgacttt 840
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<210> 1130

<211> 798

<212> DNA

<213> Homo sapiens

<400> 1130

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<210> 1131

<211> 644

<212> DNA

<213> Homo sapiens

<400> 1131

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 ccctgtcttt actaaaaata caaaagtcaa ttgggtgtgg tggcacatgc ctgtaatccc 600
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<210> 1132

<211> 604

<212> DNA

<213> Homo sapiens

<400> 1132

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tctgcgcagc cgcaggcacg gggcactgga cagagagtag gatcccagc cacctctgga 180
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<210> 1133

<211> 868

<212> DNA

<213> Homo sapiens

<400> 1133

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gagtttttgt ggacatacac tctttatttg aaaagtatga aatataatcc aagaaagcca 480

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gccatggctc agtgataaat atggaattga tatgaaacat tatattgatt aatcaccttt 540
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<210> 1134

<211> 766

<212> DNA

<213> Homo sapiens

<400> 1134

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<210> 1135

<211> 727

<212> DNA

<213> Homo sapiens

<400> 1135

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<210> 1136

<211> 866

<212> DNA

<213> Homo sapiens

<400> 1136

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<210> 1137

<211> 886

<212> DNA

<213> Homo sapiens

<400> 1137

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gccagtattc ccagctactt gggaggctga ggcatgagaa ttggttgagc ctgggaggcg 660

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 actactggac ccattagtaa ggttcctctt ccaaaagctt ncctggagtt tttctggagt 840
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<210> 1138

<211> 865

<212> DNA

<213> Homo sapiens

<400> 1138

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 gtcattttgt tttcatttat tagctgggat aattttatag agcaataactt cccatatcta 180
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 tcctgtttct ttcctgtccc atacagggag taagcaaat ctataagaac ctctgatttc 540
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 actgggttgg ccattatttc tggacttttt tagtttatag aactaggga aatatactt 660
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 angcaatgat agaattaaat atacncaat tctcatttgc tttatcatcc aaatcccccc 780
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 acaactggtt ttaaaacnga gacca 865

<210> 1139

<211> 493

<212> DNA

<213> Homo sapiens

<400> 1139

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ttttgacagt gaatgttgag aaagcatatg catgtgacag ggcggtattg ttagaagcag  180
tggaagggtg agtactaaac tgggtgttta aaatgcaagc ttcagctggg cacagtggct  240
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ttcaagacca gcctggccaa catggtgaaa cccctctct actaaaatac aaaaaaagta  360
gctgggcatg gtggtgcatg cctataatcc cagctacttg agaggctgag gcaggagaat  420
cgcttgaacc cgggaggctg aagttgcagt gagccaagat cgtgccacta cactccagcc  480
tgggggcana nna                                     493

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<210> 1140

<211> 732

<212> DNA

<213> Homo sapiens

<400> 1140

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gacgtgattc cctgggacgg tccgtttcct gccgtcagct gccggccgag ttgggtctcc  180
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aggagattgt cttccagggc tagcaattgg acttttgatg atgtttgacc cagcggcagg  300
aatagcaggc aacgtgattt caaagctggg ctacgcctct gtttcttctc tcgtgtaatc  360
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cactcttctt cgcccttgan tgccgctacc tgctgttcag ctgtctcctg ccatccctgt 600
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 cctggagtaa ttccctgggc gctaccagat gaacancctt catanaaatg gagatagaag 720
 ctccaatggt gc 732

<210> 1141

<211> 863

<212> DNA

<213> Homo sapiens

<400> 1141

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 ccagcatttt taatcttttag actaataaca ccaggtagac acaaagctat tcctggaaca 180
 ttgcttttatt atagatagga attccataac caattacctc ctatttgcta gaacacacta 240
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 gtagcacctc tcttctacta atttaaaata tcttcatcac tgaggatgcc tcctattaaa 360
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 agcctctgga agtcaaatga ttgctgtaaa attatgaaca gagcagcatc aggctttgct 720
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<210> 1142

<211> 788

<212> DNA

<213> Homo sapiens

<400> 1142

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gagggaagga cggggcctgg cccccgggac tccctgtgcc ttgcttgagg ctgacgccga 180
cggttttattg cagggaactg acaagatcac attttgagaa gaagtiggaa agaatcccaa 240
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ccaaaataca gacctttctt agcatgcttc acctatacaa ctgataaaca gtcgagcaaa 480
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ttacaagaac taggtgccga tgagactgct gtagccagta ttttggaaac ctgccggaag 660
caattgtctg tagtccaacc gctgttaaca cccagagaaa actctggcag ttggtctgca 720
aaaatgagga agagttaatc aaagttaata ngagcanttt ncagaatctt tctttactat 780
taaagacc 788
    
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<210> 1143

<211> 811

<212> DNA

<213> Homo sapiens

<400> 1143

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cagtaatatg attgtccata gagatatcaa aggcgcaa atcctgcgag attcaacagg 60
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gacaggaatg aagtctgtca cgggcacacc atactggatg agccctgaag tcatcagtgg 180
agaaggctat ggaagaaaag cagacatctg gagtgttgca tgtactgtgg tagaaatgct 240
    
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aactgaaaag ccgccttggg ctgaatttga agcaatggct gccatcttta aaatcgccac 300
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acggattttt gtagaggcca aactgagacc ttcagctgat gaactcttaa ggcacatggt 420
tgtgcattat cactagcagc cagtaacctc tcctgtgcct ctacctagct cccatctatt 480
cattcacctt ctctctgact gcacttttct tttttataaa aaaagagaga tgggggagaa 540
aaaagacaag agggaaagta tttctcttga ttcttggtta aatttggtta ataataataa 600
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taatttttat aatgtactga tgtggttcag agagataaag cacttttagta catagtcact 720
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<210> 1144

<211> 762

<212> DNA

<213> Homo sapiens

<400> 1144

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aaggcgtcaa tacaccctac ttgtactttg gcatgtggaa aaccacgttt gcttggcata 180
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gcagttcccg gggttgtggg gccttcttgc ggcacaaggt ggccctcatc tcgcctacag 360
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tgacctttcc ctatggctac catgctggct tcaacatgg tttcaactgc gcagaggcca 480
tcaattttgc cactccgca tggattgatt atggcaaaat ggccctcccag ttagctgtg 540
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atgacctgtg gaaacgtggg caagaccggg cagttgtgga ccacatggag cccagggtac 660
cagccagcca agaactgagc acccagaagg aagtccagtt acccaggana gcaacgctgg 720

gcctgagaca actnccttcc actgggcccg gnattccctt gg

762

<210> 1145

<211> 763

<212> DNA

<213> Homo sapiens

<400> 1145

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ctcagcctcc cgagtagctg ggactacagg tgcattgccg cagcccagc taatttttgt 180
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agttctgctg gacaccacca cttttatcat tccatcatta aagagtatgt aaatcttgta 660
agagggtcaa gttcaaagca gggatatcag cgattgcctn ttaaccttat aaggagntta 720
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<210> 1146

<211> 878

<212> DNA

<213> Homo sapiens

<400> 1146

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 tctaattaat gagggttact ctaagattgg ttaaaaatat gccctttaa atctattggc 840
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<210> 1147

<211> 817

<212> DNA

<213> Homo sapiens

<400> 1147

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 aaccgatcgg agctccagca gccgggaaca gctggcattt cagtagaacc atggaggagc 180
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 ataataataa aaaagatcac agtgactctg atgaccaa atgtagtagca aagcgcaggc 480

cgatcatcaa cttaaataat aatgttcgag ggaaaagacc tctatggcat gagtctgatt 540
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 tagagatcag gacatggaca gtgatagagc ctaccagtat caagaattta ccaagaacca 720
 agtcnaaaaa agaaagttga aaataatcag accagggacc aaaaatncca gatgaaggag 780
 tagttttaga aagtaggaa accaaccga nccatta 817

<210> 1148

<211> 651

<212> DNA

<213> Homo sapiens

<400> 1148

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 ttctaataatt tttaacaaat cccttttagat cgttgggaat taaacaaata cctanggcac 600
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<210> 1149

<211> 699

<212> DNA

<213> Homo sapiens

<400> 1149

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tagtaatcac	tgtactataa	ggcaatttgg	cagaaatggg	aaaggttgag	ttagccagat	180
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agggattttg	nttgtttaaa	aaaaaaagaa	aaagtctgtc	tttgacattg	gttatatcta	660
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<210> 1150

<211> 794

<212> DNA

<213> Homo sapiens

<400> 1150

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ctggcacaca	acagattctc	agtctatatg	ccatgtcatt	cctgcctatc	attgttcttg	180
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<210> 1151

<211> 712

<212> DNA

<213> Homo sapiens

<400> 1151

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 attttcactt gtacttctag ctagatgaaa gagagaaagt ggccatgtgc cgtggctcac 660
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<210> 1152

<211> 807

<212> DNA

<213> Homo sapiens

<400> 1152

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<210> 1153

<211> 820

<212> DNA

<213> Homo sapiens

<400> 1153

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<210> 1154

<211> 760

<212> DNA

<213> Homo sapiens

<400> 1154

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<210> 1155

<211> 871

<212> DNA

<213> Homo sapiens

<400> 1155

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<210> 1156

<211> 872

<212> DNA

<213> Homo sapiens

<400> 1156

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<210> 1157

<211> 854

<212> DNA

<213> Homo sapiens

<400> 1157

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<210> 1158

<211> 858

<212> DNA

<213> Homo sapiens

<400> 1158

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<210> 1159

<211> 841

<212> DNA

<213> Homo sapiens

<400> 1159

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<210> 1160

<211> 725

<212> DNA

<213> Homo sapiens

<400> 1160

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acttgcttaa agataagtga aatatctaata cacaaggga gtcgtgtttc aaactatata	180
aacaataaca ggagtcataa cagttgtttt cttagaactg aatacctaac aattctgcag	240
ctctttcctc ggtattttat tataagcaga ttatatctta attgttcccc ttgttttca	300
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<210> 1161

<211> 804

<212> DNA

<213> Homo sapiens

<400> 1161

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tcctgttccc acaccacctg tcacatgcaa gggatgatgg ctgtctgctc ctgggtctat	180
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gcattctgaa actattctgt ctagcttggg tagatgagat gagtcagcca agctcagacg 540
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<210> 1162

<211> 861

<212> DNA

<213> Homo sapiens

<400> 1162

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<210> 1163

<211> 855

<212> DNA

<213> Homo sapiens

<400> 1163

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ttaaactctc ctgtaattat tccgcaaaag cacctggctc cttcttaagg gaattaaggc 840
aaaagttnng ggang 855
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<210> 1164

<211> 876

<212> DNA

<213> Homo sapiens

<400> 1164

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<210> 1165

<211> 743

<212> DNA

<213> Homo sapiens

<400> 1165

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<210> 1166

<211> 861

<212> DNA

<213> Homo sapiens

<400> 1166

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<210> 1167

<211> 817

<212> DNA

<213> Homo sapiens

<400> 1167

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<210> 1168

<211> 872

<212> DNA

<213> Homo sapiens

<400> 1168

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<210> 1169

<211> 679

<212> DNA

<213> Homo sapiens

<400> 1169

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<210> 1170

<211> 763

<212> DNA

<213> Homo sapiens

<400> 1170

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tgaccattga ggaattcatt gagtcttgtc aaaaggatga gaacatcatg aggtccatgc 660
agctctttga caatgtcatc taacccccc an gaaaagggt caatgtttcc tggggggacc 720
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<210> 1171

<211> 897

<212> DNA

<213> Homo sapiens

<400> 1171

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<210> 1172

<211> 728

<212> DNA

<213> Homo sapiens

<400> 1172

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 ggaaacaggt gggcagatca cttgacatca ggagttcaag accagcctgg ccaacatggt 360
 aaaatctctt ctctactaaa aatacaaaaa ttagccaggc atggtggcac acgcctgtag 420

tcacagctac ttgggaggct gaggcaggag aactgcttga acccgggagg cagagtttgc 480
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 aaaaaaaaa annnaaaaaa aaaaggcaag cgaaactaaa ccatagtttt agaagactgt 600
 atagtaaata aattgggagt agttttgggg aaggaacctg agcttggctt ttgggatgat 660
 gataatgncc tatgcatgat ggtgatgtat tatatggagc tatgtgttaa tgatgnatac 720
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<210> 1173

<211> 757

<212> DNA

<213> Homo sapiens

<400> 1173

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<210> 1174

<211> 797

<212> DNA

<213> Homo sapiens

<400> 1174

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cagccaccic ttcgacaacc ccgccacggt cttcttctct gtcttcatgg ccctctgggc 180
tgccacctic atggagcact ggaagcgga acagatgcga ctcaactacc gctgggacct 240
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gattgcagtg acgtttgcca tcgtcctcgg cgtcatcatc tacaggatct ccatggccgc 480
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<210> 1175

<211> 694

<212> DNA

<213> Homo sapiens

<400> 1175

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tcactacttg cctcaagagg agcttgtcct atgctaataa agattctata acattggcca 180
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tcctcagtgt cactgtgaag agctcagtca ggaaaagcca gcagcatcta ccctgccacc 300
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<210> 1176

<211> 749

<212> DNA

<213> Homo sapiens

<400> 1176

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 catgctggaa ctgtgtatgg aggagtgtg tatatttcag gaggaattac tcatgatact 180
 ttccaaaagg agctcatgtg ctttgaccct gatactgaca aatggatcca gaaggcgcca 240
 atgaccactg tcagaggtct gcattgcatg tgtacagtgg gagaaaggct ctatgtcatt 300
 ggtggcaatc acttcagagg aacaagtgt tatgatgatg tcctaagctg tgaatactat 360
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 tgtatggtag agatagtgc gaaatatgat ccagataaag atgaatggca tagggttttt 540
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<210> 1177

<211> 706

<212> DNA

<213> Homo sapiens

<400> 1177

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atgggtggtt gctggtgagg cccagctgag ggcagggttg gtcggccagg actggaaaca 180
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gttttttctg aatcaaatgg ccacaggaat ggcaaaatat cagagaatat gtcgaaatgg 480
aaggaaatcc tgggattatc tgatctgtag actcttccta ttaaattaaa cattaaatgc 540
ctgaaatggt ataagacgtt attaaatatc tgaaacgaaa tctcagtatg aaaagcanat 600
atgttaggtg gatgcctcan ttgaattcag tcttcttatt gggttaagant aagctttggt 660
cacagaacta ctttaccacc ttactgagt cccatggntc actgca 706

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<210> 1178

<211> 611

<212> DNA

<213> Homo sapiens

<400> 1178

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tgtgtatgac aactatgaaa actattgaga agaaatagtt acgtgataca gtcataatcc 180
tcaaaaacgg agaatcagga attatgatca aatagtgata gtaacaagga aaacatctgt 240

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ctaaataatt actgagtaga aataggttcg gaatttgtaa atagtcatta atttgggaga 300
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<210> 1179

<211> 590

<212> DNA

<213> Homo sapiens

<400> 1179

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 gacctctctg aaaaatcttg ataaccagaa ttatcacagc accctctcat tcccagcgcg 540
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<210> 1180

<211> 742

<212> DNA

<213> Homo sapiens

<400> 1180

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 gatgtaaccc catcataagt caaagagcat ctgtaaagac aaagtacttt agaaaaaat 180
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 aaaattaatt accataaaga acaaaaatct gattgccatt tttggctcct tttcaatata 660
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<210> 1181

<211> 671

<212> DNA

<213> Homo sapiens

<400> 1181

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 aagccccacgg ctttcccgtg tcangtgctc acgcagcggt gtgggccggc ggccggggccg 660
 cananagcgc c 671

<210> 1182

<211> 647

<212> DNA

<213> Homo sapiens

<400> 1182

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<210> 1183

<211> 756

<212> DNA

<213> Homo sapiens

<400> 1183

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aaagaaaaaa	aaaagccagg	tttggtggtg	cacacctgta	gtcccagcta	ctctggaggc	180
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gtgccctgcc	tgccaggacc	cccaaggagc	agatgcangc	aattcacggt	tctgcaagac	720
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<210> 1184

<211> 735

<212> DNA

<213> Homo sapiens

<400> 1184

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atagagatag	atctctcttt	cccttacctt	cctgtagcac	tttgttatct	atacctctca	180
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<210> 1185

<211> 752

<212> DNA

<213> Homo sapiens

<400> 1185

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 cagctgtgtg accctgagca aatttttact tgacttttct gagcctgttt tctcttctgt 180
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<210> 1186

<211> 862

<212> DNA

<213> Homo sapiens

<400> 1186

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<210> 1187

<211> 801

<212> DNA

<213> Homo sapiens

<400> 1187

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 gggtagagta tacttgtggc atttgtatca ngtagaaaag ccggactggg tatttntaat 720
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<210> 1188

<211> 796

<212> DNA

<213> Homo sapiens

<400> 1188

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 gctgtacgcg ctgggtgtcg aaacgcagcg ctactccgcc gtgctggatg ctgtgatcgc 180
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 cagcttgtct tccagccatg ctgctggac ccccggcag gcttccatgt catcgatgcc 720

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gggaagaact tttgnc 796

<210> 1189

<211> 847

<212> DNA

<213> Homo sapiens

<400> 1189

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catccaagct ttgtccattt atagagcaca ggtagaatac agntagcatg attcctaang 720
cctgtaggat tttcagaata gtaaataagc cttgggcttc aatttaaaaa ggtactagct 780
gcatttggct ctaacaaggg tcaacctgtc ctggggagct ttgaaccngn catggcttct 840
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<210> 1190

<211> 814

<212> DNA

<213> Homo sapiens

<400> 1190

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aattaaaaaa tactatattg ctaaaagatg ctaccaatca tcgctgagcc ttcagtgagt 180
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ttctctgaa gtcttgaacc cctcaaagtt attcatgagg gttaaaatca acttctinca 720
aacttctggt aatggtgcta tttttacttc ctccatgaat catctattat taataataat 780
nntctttttt ttgagacaga agcttgctct ggtt 814

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<210> 1191

<211> 857

<212> DNA

<213> Homo sapiens

<400> 1191

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tcctagcccc actggtgac tatttctgtg cctccgcagt gacgccagtt gtcctagcaa 420
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 ttaatcanca ctggcattgc aaaagttgga gaccttgata aaatgtttgg gaaggaatca 840
 nagggtcaag ggaaggc 857

<210> 1192

<211> 763

<212> DNA

<213> Homo sapiens

<400> 1192

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 agctaggaat taagcaccca ctccacagga agaagcttgt tttagcagtg aaagccatca 180
 acaccaaaca ggaggagaag tctgcactgc tagaccacat ttgggtgaca aggaggcttg 240
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 gctgcaatac ctaactgtga acgatttact cttcttaaaa gtcaccagcc aactacatca 360
 tctcagcatc aaatgtgcca ttcacgtgct gcatgtcaac aagttcaacc cccactgcct 420
 gcaccggcgg ccagctgatg agagtaacct ttctccttca gaagttgtac agtgggtcaa 480
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 agggagtgga gtccatggag gcctcattat cctggagcca cgcttcactg gggacaccct 600
 ggctatgctt ctcaacatcc cccacaaaaa gacgctcctc aggcgccacc tgaccaccaa 660
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 agcttacaca ccactgacca ccacagccaa agtccgnca agg 763

<210> 1193

<211> 694

<212> DNA

<213> Homo sapiens

<400> 1193

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atTTTTtagat attaaaagta ttttaaactg aaatgatgac tcatacgtgg atataagaaa 180
ataaaaagca gctctgtttc ctacattttt tactgctttt tactctccca atTTTTatgt 240
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nttattaatg gttntgnttt aagttttaag ctct 694

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<210> 1194

<211> 820

<212> DNA

<213> Homo sapiens

<400> 1194

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gttatgatgt acggcaaccg gacaaagaaa atgttaccct cctccattgg gctgccatca 120
ataacagaat agatttagtc aaatactata tttcgaaagg tgctattgtg gatcaacttg 180

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gaggggacct gaattcaact ccattgcact gggccacaag acaaggccat ctatccatgg 240
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 gtattcatct ggctgctcag ttcggacata cctcaattgt tgcttatctc atagcaaaag 360
 gacaggatta ttttaaaaaa tgtacttgca tattggaaat gttgagttag gttgcagaag 420
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 aatgtgggca gcatatagaa cacatagtgt ggatccaact agattgcttt taacattcaa 600
 tgtttcagtt aaccttggtg acaagtatca caaaaacact gctctgcatt gggcagtgct 660
 agcagggaat accacagtca ttagccttct tctggaagct ggagctaata gtgatgccca 720
 gaatatcaan gggcgaatca acgcttgatt ttggcaaac agagaaaaaa tgtgtnggat 780
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<210> 1195

<211> 781

<212> DNA

<213> Homo sapiens

<400> 1195

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 cagaattgca gataaaggat tgtggacca taattttctc ctgttttgca ctggcggtag 180
 ttttaacttgt ggaccatcaa aaaaatatgt ttgagagagg acccttatca cctcttttgt 240
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 atcccatccc caggtggtct ccaaggcttt gccacacag tgccacaatg aaaaatgcag 660

cctggctcac cggtttgctt ttcacgtttt catcgcttat ttggctcatg gcacaatccc 720
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<210> 1196

<211> 902

<212> DNA

<213> Homo sapiens

<400> 1196

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tcccactacc attaacactg gcagaggtac tgagtttgag ggtgcagtca tagctctgtt 180
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gcagatggta atgaaggggc caccgagata cctctatggt catgagctta ataggacatc 780
ccaccgcaac tgcgtttgcg gnttgtgcat tggcgccctg tcaatgctgg cttgatttct 840
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tt 902

<210> 1197

<211> 820

<212> DNA

<213> Homo sapiens

<400> 1197

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ttgtctgtac tttctcttta ggtgactgtc ttcctttcct tggcttttagc tacagatgaa 180
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<210> 1198

<211> 824

<212> DNA

<213> Homo sapiens

<400> 1198

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atcaaatgac atattttatt gatttattgc agattcagtg catatgagcc aaattgttga 180
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 ttttgaaaac atgaaaaatg ctttaaatgca tgtatgtcca gcagtggnta cttgcattgg 720
 gtaatgggtt ttcaagaagt ctgggtccta acaaaatggt ttcctttatc tcaanggtc 780
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<210> 1199

<211> 742

<212> DNA

<213> Homo sapiens

<400> 1199

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 ttcactggcc tttcaccaga cactgattat ggcgtcactg tttttgtgca gacaccaa at 180
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 atggaataaa atccccagca tgtcagtacc gatgacaatg ggtctcattt tgnacaactt 660
 gatttgggtat ccaggattta aattgtctctt aaaatttact ttctgggata tcaaagtgtc 720

ccatggngng gttttataat ta

742

<210> 1200

<211> 746

<212> DNA

<213> Homo sapiens

<400> 1200

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 ctattgnttc accctaaagn ctncct 746

<210> 1201

<211> 740

<212> DNA

<213> Homo sapiens

<400> 1201

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<210> 1202

<211> 737

<212> DNA

<213> Homo sapiens

<400> 1202

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atcgnccatc ccctggcagc agcagggcta atccttacat tgcaccaccc cagctgcagc 660
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<210> 1203

<211> 834

<212> DNA

<213> Homo sapiens

<400> 1203

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cctagatttg tttctagggg gaaaatatgg ccgtgtttgc tttgatgta tataaaatct 180
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<210> 1204

<211> 844

<212> DNA

<213> Homo sapiens

<400> 1204

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caggacaaat gggctggtac acctattaca cctcttaaag atgggtttac agangtccag	720
ctgtcctcag ttaatcccc gctttgcacc accaggaact acnggaattt gaacagaagt	780
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<210> 1205

<211> 568

<212> DNA

<213> Homo sapiens

<400> 1205

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aaggcactgg agtgctatcg gacgggtgtc tggggcagag ccaggagggc gaggctcttc	180
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<210> 1206

<211> 806

<212> DNA

<213> Homo sapiens

<400> 1206

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 cccacactta gacatatcag tcaaaccgtt aaaagacaca gaatctttta aggagcaaag 180
 aaaattggta catcacatgt aaggagtctc aataagatta gcaactgact tcttatcaga 240
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 aaaccaagat ttctatatcc agcaaaactg ttattcaata atgaaaaaat gagataccac 360
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 tgaaaagaaa ctggaacctt cgtacatggc tgatgggaat gtaaaacgga gaagtcacta 480
 tggaaaacag tttggtagtt cctcaaaatc acagaagtac tatatgatcc aaggctgggc 540
 acagtggctc acacctgtaa tcctaact ttaagggcc aagtggggaag atcacttgag 600
 ctcaggagtt caagaccagc ttggacaaca tggcaaaacc ccatcttcac aaaaaataca 660
 aaaattatcc aggtatggtg gtatgcacct atagtcccag ctactttgtg ggagctaattg 720
 caggaggatt gcttgagccc aggangtcaa ngctgcantg agccatgttc acaccacaag 780
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<210> 1207

<211> 843

<212> DNA

<213> Homo sapiens

<400> 1207

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ccttttgctc aggaagaatg gcttgaacga tagagacaag atgaacagga cggctctaca 420
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tgcagtaagt ggaaaaaagc agcaaattgt ggaattttta ataaagaaaa aagcaaattgt 780
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gat 843

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<210> 1208

<211> 794

<212> DNA

<213> Homo sapiens

<400> 1208

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gattctactt cctaaaaacc ctgagcactt tgtggtgtgc aacagatcaa acacggtggt 180

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cgatcatgaac atgcagaggc agattgtcag aagcttcagt tcttgtaaaa gagaagggtg 240
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 cgagaaggat gtgattggta ttgcacatca cccatcatcag aacctgattg ctacctacag 420
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 gaaagcatgt acttaaatga agcatattca tgtaatgtgc tttttttttt ttttgccagc 540
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 aactgggtgca gtcacttaat ggtttcatta atcttcgacc tgganaggga aatactgata 720
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<210> 1209

<211> 740

<212> DNA

<213> Homo sapiens

<400> 1209

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 acctgacgga gtttaccag gtggtgcagc atgacacggc ctgtaccatc gcagccacgg 180
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 atcagttaga gcaggagcag gcccggaggg acgccctgaa gcagcgggcg gaacagagca 660

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<210> 1210

<211> 591

<212> DNA

<213> Homo sapiens

<400> 1210

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ggctggggct tgtcaagtgg agtatagtga atgccaatct ttattttactc cttattgatt 180
accccaaaact ctaaacaatct gcataccttg tataaatttc cacttatgaa gctgaaattg 240
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gtgacttcat gacgagcatg ggaagtatgc taattaacgg ctggctgccg gcgccctccc 480
ctaaaatggg aaaatacata tttgggggtt atgatttgat ggcgacgttc aantgcgttg 540
tcacagattg ggaaagcgtt ttcacaaagc tggcttgnta tgcctcgntt c 591

<210> 1211

<211> 721

<212> DNA

<213> Homo sapiens

<400> 1211

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ctatacttga ggctgccatc aagagtgaga agtttgaagc tggaagagcc tgcattgggcc 180

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 aactgaaaca gaattgcctt ttgttaaggg gatgctttgc cttcttggac tacnattgtg 660
 gggagaagga ttattgncaa ctaagtgagg cattcattct gtcccactat ttaatgnagt 720
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<210> 1212

<211> 714

<212> DNA

<213> Homo sapiens

<400> 1212

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 taaaagggtgg agggttaggg ggtggaagac aagcaggggg ttaggagata agtaagcagg 180
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 gctagaatgt ggcagagcca gagaccatgt tttctgaat tctcttaatt actaccttct 600
 gtactgcttt tcttaattct gaaagtgaat ctactgntga cattaaactt gnatttgctt 660
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<210> 1213

<211> 837

<212> DNA

<213> Homo sapiens

<400> 1213

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attatgatga gtaactggag gggcttagaa aaaaaactg gatgaaagag tatgcatgaa 180
gaaaagcttc ttgataaat gtggagtctc tcattataaa tatatattca tgaattcaca 240
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cgtataatgc tggttggatc tggtnccaat ggtgatgctg tgggtaatgt gcttanagcc 780
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<210> 1214

<211> 849

<212> DNA

<213> Homo sapiens

<400> 1214

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<210> 1215

<211> 831

<212> DNA

<213> Homo sapiens

<400> 1215

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 ggagaggcta ttaaaacatt aagaaaagta atgttgaaag gattctttta tgaaaccctt 420
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 tttgaattgg atgaaattta gtatttatct aattcatata ctcaaacagc catcagatat 720
 aagattcagg tcttactttc taaattatat taatggatgn atatatgaaa nttcaaaaac 780
 aatttgggct ctttncactt gagaataggc atgaagaaaa taggaattca a 831

<210> 1216

<211> 814

<212> DNA

<213> Homo sapiens

<400> 1216

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<210> 1217

<211> 846

<212> DNA

<213> Homo sapiens

<400> 1217

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<210> 1218

<211> 858

<212> DNA

<213> Homo sapiens

<400> 1218

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ccattttctc atgtgtaaaa agcatgttaa aaattttaaa tgaggagttt aaaaattaca 180
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<210> 1219

<211> 820

<212> DNA

<213> Homo sapiens

<400> 1219

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